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Minimum
Maximum
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Perfect score:
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1: /cgm2_6/ptodata/1.
2: /cgm2_6/ptodata/1.
3: /cgm2_6/ptodata/1.
4: /cgm2_6/ptodata/1.
5: /cgm2_6/ptodata/1.
6: /cgm2_6/ptodata/1.
7: /cgm2_6/ptodata/1.
9: /cgm2_6/ptodata/1.
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length: 2000000000
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1084.897 Million cell updates
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                      41.8
38.4
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37.7
37.7
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51.9
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/cgn2_6/ptodata/1/ina/5_COMB.seq:*
/cgn2_6/ptodata/1/ina/6A_COMB.seq:*
/cgn2_6/ptodata/1/ina/6A_COMB.seq:*
/cgn2_6/ptodata/1/ina/H_COMB.seq:*
/cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*
/cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*
/cgn2_6/ptodata/1/ina/RE_COMB.seq:*
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               3 US-09-103-840A-1
US-08-311-731A-137
US-08-311-731A-1
US-08-311-731A-123
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US-08-311-731A-124
US-08-311-731A-124
US-08-311-731A-138
US-09-470-191-25
US-09-072-596-271
US-09-072-596-271
US-09-072-596-271
US-09-072-596-271
US-09-072-596-271
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US-09-072-596-271
US-09-072-596-271
US-10-193-002-276
US-10-193-002-276
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US-08-311-731A-138
US-08-311-731A-24
US-09-060-756-526
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US-09-103-840A-1
US-09-103-840A-2
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Million cell updates/sec
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Sequence 137, App
Sequence 128, Appli
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Sequence 1, Appli
Sequence 123, Appli
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Sequence 25, Appli
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Sequence 272, Appli
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US-09-103-840A-2
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Best Local S
Matches 77
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33.8	33.8	33.8	33.8	33.8	34.0	34.0	34.0	34.8	35.1	35.1	35.1	35.1	35.1	35.6	37.1	37.7	37.7	37.7	37.7	37.7
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Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	sequence
1, Appli	16137, A	16465, A	16245, A	16022, A	13502, A	11, Appl	4603, Ap	17441, A	13, Appl	14, Appl	31, Appl	60, Appl	60, Appl	1245, Ap	20, Appl	521, App	521, App	635, App	635, App	эвь, арр

### ALIGNMENTS

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ORGANISM: Mycobacterium tuberculosis
FEATURE:
FEATURE:
FEATURE:
OTHER INFORMATION: CDC 1551
OTHER INFORMATION: "n" bases at various positions throughout the sequence;
OTHER INFORMATION: represent a, t, c or g
US-09-103-840A-2
                                                                                                                                              RESULT 2
US-09-103-840A-1
Sequence 1, Application US/09103840A Patent No. 6294328
GENERAL INFORMATION:
APPLICANT: FLEISCHMAN, Robert D.
APPLICANT: WHITE, Owen R.
APPLICANT: FRASER, Claire M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILE REFERENCE: 24366-20007.00
CURRENT APPLICATION NUMBER: US/09/103,840A
CURRENT FILLING DATE: 1998-06-24
NUMBER OF SEQ ID NOS: 2
SOFTWARE: PATENTIN VET. 2.1
SEQ ID NO 2
LENGTH: 4403765
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 2, Application US/09103840A Patent No. 6294328 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: FLEISCHMAN, ROBERT D.
APPLICANT: WHITE, Owen R.
APPLICANT: FRASER, Claire M.
APPLICANT: VENTER, John C.
TITLE OF INVENTION: DNA SEQUENCES
TITLE OF INVENTION: TUBERCULOSIS
                                                                                                                                                                                                                                                                                                                                          581960 ATGACCTGCGCCGACGACGATGCAGAGCGTAGCGATGAGGTGGGGGCACCACCCCCTTGC 582019
                                                                                                                                                                                                                                                                                                                                                                                                                                    l Similarity
77; Conserv
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                                                                                                                                                                                                                                           GGGGGAGAGTGGCGCTG 582036
                                                                                                                                                                                                                                                                                                                                                                                                                                  100.0%; Score 77; Dilarity 100.0%; Pred. No. 4. Conservative 0; Mismatches
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APPLICANT: WHITE, Owen R.
APPLICANT: WHITE, Owen R.
APPLICANT: VENTER, John C.
TITLE OF INVENTION: DNA SEQUENCES FOR STRAIN
TITLE OF INVENTION: TUBERCULOSIS
FILE REFERENCE: 24366-2007.00
CURRENT APPLICATION NUMBER: US/99/103,840A
CURRENT APPLICATION NUMBER: US/99/103,840A
CURRENT FILING DATE: 1998-06-24
NUMBER OF SEQ ID NOS: 2
SOFTWARE: Patentin Ver. 2.1
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             Sequence 1, Application US/09103840A Patent No. 6294328 GENERAL INFORMATION:
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CURRENT APPLICATION NUMBER: US/99/103,840A
CURRENT FILING DATE: 1998-06-24
NUMBER OF SEQ ID NOS: 2
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 1
                                                                                                                                                                                                                                                                                                       Query Match
Best Local (
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APPLICANT: FLEISCHMAN,
                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: CDC 1551
OTHER INFORMATION: "n" bases at various positions throughout the sequence
OTHER INFORMATION: represent a, t, c or g
                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA ORGANISM: Mycobacterium tuberculosis FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Mycobacterium tuberculosis
OTHER INFORMATION: H37Rv
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                                                                                                                                          2713142
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INVENTION: DNA SEQUENCES
INVENTION: TUBERCULOSIS
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 Robert D.
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Pred. No. 4.7e-14
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Mismatches
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ches 0;
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US-08-311-731A-137/c

: Sequence 137, Application US/08311731A

: Patent No. 6583266
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; CRGANISM: Mycobacterium tuberculosis
; OTHER INFORMATION: H37Rv
US-09-103-840A-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: WHITE, Owen R.
APPLICANT: FRASER, Claire M.
APPLICANT: VENTER, John C.
TITLE OF INVENTION: DNA SEQUENCES FOR STRAIN
TITLE OF INVENTION: TUBERCULOSIS
FILE REFERENCE: 24366-20007.00
CURRENT APPLICATION NUMBER: US/09/103,840A
CURRENT FILING DATE: 1998-06-24
NUMBER OF SEQ ID NOS: 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 1
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                                                                                                                                    TELEFAX: 617/720-2441
INFORMATION FOR SEQ ID NO: 137:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
MOLECULE TYPE:
HYPOTHETICAL: N
ANTI-SENSE: NO
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                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: PC POOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION NUMBER: US/08/311,731A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: SMITH, DOUGLAS
APPLICANT: MAO, JEN-I
APPLICANT: MAO, JEN-I
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES
TITLE OF INVENTION: RELATING TO MYCOBACTERIUM TUBERCULOSIS AND LAPRAE FOR
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
NUMBER OF SEQUENCES: 411
                                                                                                                                                                                                                                                              CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: GATES, EDWARD R.
REGISTRATION NUMBER: 31,
                                                                                                                                                                                                    REGISTRATION NUMBER: 31,616
REFERENCE/DOCKST NUMBER: C0
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/720-3500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: WOLF, GRE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2716329
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                                                         STRANDEDNESS: doub.
                                                                                                TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                      FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         02210
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              BOSTON
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 600 ATLANTIC AVENUE
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                       ö
                                        DNA (genomic)
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                                                                                                                                                                                                                                                 C0044/7125
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Pred. No. 1.2e-10;
0; Mismatches 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FOR STRAIN ANALYSIS IN MYCOBACTERIUM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            DB 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 4411529;
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RESULT 6
US-08-311-731A-128/c
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                                                                                                              Query Match
Best Local Similarity
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                                                                                              Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 128, Application US/08311731A
                                                                                                                                                                                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
NAME: GATES, EDWARD R.
REGISTRATION NUMBER: 31,616
REFERENCE/DOCKET NUMBER: C004
TELECOMMUNICATION INFORMATION:
TELEDHONE: 617/720-3500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
                                                                                                                                                                                                      TOPOLOGIC TYPE: DNA MOLECULE TYPE: DNA HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                          TELEFAX: 617/720-2441
INFORMATION FOR SEQ ID NO: 128:
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                                                                                                                                                                            ORIGINAL SOURCE:
ORGANISM: MYC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: MAO, JEN-I
TITLE OF INVENTION: RELATING TO MYCOBACTERIUM TUBERCULOSIS
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: PatentIn Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: WOLF, GRE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                          LENGTH: 42988 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: circular
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STATE: MASSACHUSETTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Match 77.4%;
Local Similarity 87.8%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER:
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                                39484 ATGACCCGTACCGGCGACGATGCAGAACGAAGCCATGAGGCAGGGGCATCTCCTGCTTGC 39425
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 61 GGGGGAGAGTGGCGC 75
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                                                              1 ATGACCTGCGCCGACGACGATGCAGAGCGTAGCGATGAGGTGGGGGGCACCACCCGCTTGC
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                                                                                                Conservative
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                                                                                                                                                                            MYCOBACTERIUM LEPRAE
                                                                                                                                                                                                                                           DNA
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                                                                                                            66.2%;
80.0%;
                                                                                                                                                                                                                                         (genomic)
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                                                                                                            Score 51; DB 3;
Pred. No. 2.3e-06;
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Pred. No. 5.7e-09;
                                                                                                Mismatches
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                                                                                              15; Indels
                                                                                                                             Length 42988;
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                                             GENERAL INFORMATION:
APPLICANT: SMITH, DOUGL
APPLICANT: MAO, JEN-I
TITLE OF INVENTION: NUC
TITLE OF INVENTION: REL
TITLE OF INVENTION: DIA
                                                                                                                                           Sequence 123, Application US/08311731A Patent No. 6583266
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Patent No. 6583266
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                         Query Match
Best Local :
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/08/311
FILING DATE:
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: GATES, EDWARD R.
REGISTRATION NUMBER: 31,616
REFERENCE/DOCKET NUMBER: C004
TELECOMMUNICATION INFORMATION:
TELECHENCE: 617/720-3500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: 617/720-2441 INFORMATION FOR SEQ ID NO: 1:
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APPLICANT: MAO, JEN-I
TITLE OF INVENTION: NU-
TITLE OF INVENTION: RE
                                                                                                                                                                                                                                                                                                                                                                                      ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: MYCO
                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE NO
HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: WOLF, GRE
                              NUMBER OF SEQUENCES:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 32155 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
 ADDRESSEE:
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                                                                                                                                                                                                                                                                                                            43;
                                                                                                                                                                                                                                                                                                                           Similarity
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                                                                                                            SMITH, DOUGLAS
                                                                                                                                                                                                                                                                                                            Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        circular
                                                                                                                                                                                                                                                                                                                                                                                           MYCOBACTERIUM TUBERCULOSIS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                          (genomic)
                                                                                                                                                                                                                                                                                                                       51.9%;
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                              5089 CGAAGCGATGAGGTGGGGGTACCGCCCCCCTTGCGAGGGAGAGCGGCGC 5136
                                                                                                                                                                                                                                                                                                                                                                                          28 CGTAGCGATGAGGTGGGGGGCACCACCCGCTTGCGGGGGAGAGTGGCGC 75
GREENFIELD & SACKS, P.C.
                                                                  NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO MYCOBACTERIUM TUBERCULOSIS DIAGNOSTICS AND THERAPEUTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GREENFIELD & SACKS, P.C.
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RELATING TO MYCOBACTERIUM TUBERCULOSIS AND LAPRAE FOR
DIAGNOSTICS AND THERAPEUTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 40; DB 3;
Pred. No. 0.0049;
                                                                                                                                                                                                                                                                                                                                                                                                                                                               Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 32155;
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                                                                                              AND LAPRAE FOR
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RESULT 9
US-08-390-878-16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: 617/720-2441
INFORMATION FOR SEQ ID NO: 123:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                    NUMBER OF SACE ADDRESS:

CORRESPONDENCE: Townsend and Townsend Khourie and Crew

ADDRESSEE: Townsend and Townsend Khourie and Crew

ADDRESSEE: Townsend and Townsend Khourie and Crew

ADDRESSEE: Townsend and Townsend Khourie and Crew
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: MYCOBACTERIUM LEPRAE
                                                        MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REGISTRATION NUMBER: 31,616
REFERENCE/DOCKET NUMBER: C01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/720-3500
                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Stover, Charles K.
APPLICANT: Mahairas, Gregory G.
TITLE OF INVENTION: VIRULENCE-ATTENUATING GENETIC DELETIONS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ATTORNEY/AGENT INFORMATION:
NAME: GATES, EDWARD R.
REGISTRATION NUMBER: 31,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION DATA:
APPLICATION NUMBER: US
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
APPLICATION NUMBER: FILING DATE: 17-FEE CLASSIFICATION: 435
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TOPOLOGY: circular
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                                                                                                                                                                                  ZIP: 94105
                                                                                                                                                                                                                          CITY: San Francisco
STATE: California
                                                                                                                                                                                                                                                                  STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Local Similarity
                                                                                                                                                                                                         COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            8878
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      51;
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MASSACHUSETTS
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                                                                                                                                                                                                                                                            Floor
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                                                                                                                                                                                                       USA
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                     17-FEB-1995
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                                     us/08/390,878
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 38.4; DB 3; Length 36470; Pred. No. 0.015; 0; Mismatches 21; Indels 0;
                                                                                 Version #1.30
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US-08-311-731A-124/c
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US-08-311-731A-124
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Best Local Similarity 86.4%;
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                                                                                                                                                                                                    TELEFAX: 617/720-2441 INFORMATION FOR SEQ ID NO:
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INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
                                                              TOPOLOGY: CIT MOLECULE TYPE: HYPOTHETICAL: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             REFERENCE/DOCKET NUMBER: 15
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415/543/9600
                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version
CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compati
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES: 411
CORRESPONDENCE ADDRESS:
ADDRESSEE: WOLF, GREENFIELD & SACKS, P.C.
                                  ANTI-SENSE: NO ORIGINAL SOURCE:
                                                                                                                                                                                                                                      REFERENCE/DOCKET NUMBER: CO
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/720-3500
                                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
NAME: GATES, EDWARD R.
REGISTRATION NUMBER: 31,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION:
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APPLICANT: MAO, JEN-I
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                                                                                                                                                            SEQUENCE CHARACTERISTICS:
LENGTH: 36033 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STRANDEDNESS: 61
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 16885 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: FILING DATE:
               ORGANISM:
                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION: 530
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STREET:
                                                                                                                         STRANDEDNESS: double
                                                                                                                                          TYPE: nucleic acid
                                                                                                                                                                                                                                    TELEPHONE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      784 TGACCCGCGCGGCGACGATGCAAAGCGCAGCGATGAGGAGGAG 827
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                 MYCOBACTERIUM LEPRAE
                                                                                                        circular
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                                                                                         DNA
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                                                                                       (genomic)
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RELATING TO MYCOBACTERIUM TUBERCULOSIS AND LAPRAE FOR
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Query Match

42.68;

Score 32.8;

DB 3;

Length 36033;

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RESULT 12
US-09-470-191-25/c
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Sequence 25, Application US/09470191
Patent No. 6465633
GENERAL INFORMATION:
APPLICANT: Skeiky, Yasir
APPLICANT: Corixa Corporation
TITLE OF INVENTION: Compositions and Methods of Their Use in
TITLE OF INVENTION: the Treatment, Prevention and Diagnosis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 138, Application US/08311731A Patent No. 6583266
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INFORMATION FOR SEQ ID NO: 138:
SEQUENCE CHARACTERISTICS:
LENGTH: 35961 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
NAME: GATES, EDWARD R.
REGISTRATION NUMBER: 31,616
REFERENCE/DOCKET NUMBER: C004
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/720-3500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                               ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Mycobacterium leprae
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
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TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES
TITLE OF INVENTION: RELATING TO MYCOBACTERIUM TUBERCULOSIS AND LAPRAE
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                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE:
HYPOTHETICAL:
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CORRESPONDENCE ADDRESS:
ADDRESSEE: WOLF, GREENFIELD & SACKS, P.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT:
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ZIP: 022
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TOPOLOGY: cir
                                                                                                                                                                                                                                                                                   Local
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                                                                                                                                                                                           10659 CGCCGACGACGAGCGAGGCGAAGCGATGAGGATGGAGC 10697
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                                                                                                                                                                                                                                                                                 h 42.3%;
Similarity 89.7%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                            double
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                                                                                                                                                                                                                                                                                 Score 32.6; DB Pred. No. 0.85;
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     of Tuberculosis
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Query Match
Best Local Similarity
Matches 37; Conserve
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; LOCATION: (1)...(263)
CTHER INFORMATION: n = any nucleotide
US-09-470-191-25
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                                                                                                                                               ; TYPE: DNA
; ORGANISM: Mycobacterium tuberculosis
US-09-050-739-71
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                                                                                                                                                                                                 SOFIWALL, SEQ ID NO 71
                                                                                                                                                                                                                                                       EARLIER APPLICATION NUMBER: 0376/97
EARLIER FILING DATE: 1997-04-02
EARLIER APPLICATION NUMBER: 1277/97
EARLIER APPLICATION NUMBER: 1277/97
EARLIER APPLICATION NUMBER: 60/044,624
EARLIER FILING DATE: 1997-04-18
EARLIER APPLICATION NUMBER: 60/070,488
EARLIER FILING DATE: 1998-01-05
NUMBER OF SEQ ID NOS: 173
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SEQ ID NO 25
LENGTH: 263
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 7.
Patent No.
                                                                                      Best Local
                                                                                                          Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: NIBLESEN, Peter
APPLICANT: NIBLESEN, Rikke
APPLICANT: OETTINGER, Thomas
APPLICANT: RASMUSSEN, Peter Birk
APPLICANT: ROSENKRANDS, Ida
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/09/470,191
CURRENT FILING DATE: 1999-12-23
PRIOR APPLICATION NUMBER: US 60/113,952
PRIOR FILING DATE: 1998-12-24
NUMBER OF SEQ ID NOS: 97
                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: WELDINGH, KARIN
APPLICANT: FLORIO, WAILER
TITLE OF INVENTION: NUCLEIC ACIDS FRAGMENTS AND POLYPEPTIDE FRAGMENTS
TITLE OF INVENTION: DERIVED FROM M. TUBERCULOSIS
FILE REFERENCE: 670001-2002.1
                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/09/050,739
CURRENT FILING DATE: 1998-03-30
                                                                                                                                                                                                                                       SOFTWARE: PatentIn Ver. 2.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
ORGANISM: Mycobacterium
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         252 ATGACTCGCGCCAGCGACGATGCACAGCGAAGCGATGAGGAGGAG
26
                                                                     l Similarity
37; Conserv
                                    1 ATGACCTGCGCCGACGACGATGCAGAGCGTAGCGATGAGGTGGGG
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ACGGCCCGCGCGACGATGCAAAGCGCAGCGATGAGGAGGAG
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                                                                         Conservative
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82.2%;
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                                                                                      Score 32.2; DB Pred. No. 0.86;
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                                                                         Mismatches
                                                                                                          <u>د</u>،
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                                                                                                          Length 1890;
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RESULT 14 US-09-072-596-271/c

Sequence 271, Application US/09072596 Patent No. 6458366 GENERAL INFORMATION:

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RESULT 15
US-09-072-967-276/c
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US-09-072-596-271
                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity
Matches 32; Conserva
                                                                                                                                                                                                                                                           Patent No. 6592877
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                           Sequence 276, Application US/09072967
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 271:
SEQUENCE CHARACTERISTICS:
                                                                                                                                          APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                         APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/072,596
FILING DATE: 05-MAY-1998
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
TITLE OF IN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Maki, David J.
REGISTRATION NUMBER: 31,392
REFERENCE/DOCKET NUMBER: 21.
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
ADDRESSEE: SEED and BERRY LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
                                          NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
                                                                            APPLICANT: Hendrick TITLE OF INVENTION: TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STREET: Seattle
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
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                                                                                                                            APPLICANT:
STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 571 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY:
                              ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                               60
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T: Hendrickson, Ronald C.
INVENTION: COMPOUNDS AND METHODS FOR DIAGNOSIS OF
                                                                                                                                                                                                                                                                                                                                                                               TGATCCGCGCCGCCGACGATGCAGAGCGCAGCGATG 25
                                                                                                                                                                                                                                                                                                                                                                                                 TGACCTGCGCCGACGACGATGCAGAGCGTAGCGATG 37
Seattle
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Washington
           6300 Columbia Center, 701 Fifth Avenue
                                               Lodes, Michael J.

Lodes, Michael J.

Hendrickson, Ronald C.

WENTION: COMPOUNDS AND METHODS FOR IMMUNOTHERAPY

NVENTION: AND DIAGNOSIS OF TUBERCULOSIS

SEQUENCES: 355
                                                                                                                                                                                          Reed, Steven G.
Skeiky, Yasir A.W.
Dillon, Davin C.
Campos-Neto, Antonio
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Dillon,
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Vedvick, Thomas S.
Twardzik, Daniel R.
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Vedvick, Thomas S.
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                                                                                                                                          Twardzik, Daniel R.
                              SEED and BERRY LLP
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Davin C.
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Pred. No. 4.7;
0; Mismatches
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Search completed: January 11, 2006, 18:36:31 Job time : 151.162 secs
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US-09-072-967-276
                                                                                                                                          Matches
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                                                                                                                                                                                                                                                                                                                                                                      NAME: Maki, David J.
REGISTON NUMBER: 31,392
REFERENCE/DOCKET NUMBER: 21/
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OBERATING SYSTEM: PC-DOS/MS-DOS
ODERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTION BATA:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/072,967
                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
LENGTH: 571 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: 05-MAY-1998
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Maki, David J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STATE: Washington
COUNTRY: USA
ZIP: 98104-7092
                                                                                                                                          Local Similarity
                                                                                                                                                                                                                                                 STRANDEDNESS: 611
TOPOLOGY: linear
                                                                                                                                                                                                                                                                TYPE: nucleic acid
STRANDEDNESS: single
                                                                      60
                                                                                              TGACCTGCGCCGACGACGATGCAGAGCGTAGCGATG
                                                                      TGATCCGCGCGGCGACGATGCAGAGCGCAGCGATG
                                                                                                                                                                                                                                                                                                 571 base pairs
                                                                                                                                            Conservative
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Pred. No. 4.7;
0; Mismatches
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Minimum
Maximum
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Title:
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    and is derived
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  Published_Applications_NA_Main:*

1: /cgn2_6/ptodata/1/pubpna/US07_PUBCOMB.seq:*

2: /cgn2_6/ptodata/1/pubpna/US08_PUBCOMB.seq:*

3: /cgn2_6/ptodata/1/pubpna/US08_PUBCOMB.seq:*

4: /cgn2_6/ptodata/1/pubpna/US08_PUBCOMB.seq:*

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9: /cgn2_6/ptodata/1/pubpna/US10B_PUBCOMB.seq:*

10: /cgn2_6/ptodata/1/pubpna/US10B_PUBCOMB.seq:*
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length: 2000000000
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Match
                                                                                                                                                                                                                                                                                                                                                                                                            is the number of results predicted by chance to have a ater than or equal to the score of the result being printed, rived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                January 11, 2006, 18:14:10; Search time 615.408 Seconds (without alignments) 1034.667 Million cell updates/sec
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Maximum Match 100%
Listing first 45 summaries
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                                                                                                                                                                                                                                                                                                                                        Length
  GenCore version 5.1.6 (c) 1993 - 2006 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                          B
US-10-481-265-96
US-10-282-122A-26508
US-10-282-122A-26508
US-10-510-021-2
US-09-91-171-71
US-09-804-980-71
US-09-804-980-71
US-10-282-122A-14430
US-10-425-115-128305
US-10-433-022-771
US-10-828-898-276
0 US-11-028-898-276
0 US-11-028-898-276
0 US-11-028-898-276
US-10-437-963-53130
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US-10-080-170-648

US-10-080-170-648

US-10-468-356-648

US-10-468-356-648

US-10-086-2

US-10-755-415-137

US-10-282-122A-26639
                                                                                                                                                                                                                                                                                                                                                                                    SUMMARIES
Sequence 96, Appl
Sequence 28344, A
Sequence 26508, Appli
Sequence 1, Appli
Sequence 71, Appl
Sequence 71, Appl
Sequence 144305, App
Sequence 276, App
Sequence 276, App
Sequence 276, App
Sequence 276, App
Sequence 271, App
Sequence 276, App
Sequence 276, App
Sequence 33130, A
Sequence 33130, A
                                                                                                                                                                                                                    Sequence 1, Appli
Sequence 648, App
Sequence 648, App
Sequence 648, App
Sequence 2, Appli
Sequence 137, App
Sequence 26639, Appli
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36.4	•		36.4	36.4	36.4	36.4	36.4	36.9	36.9	37.1	37.1	37.1	37.1	37.1	37.4	37.7	37.7	37.7	37.7	37.7	
2959	2658	2378	2367	801	798	783	702	2216	693	41399	41399	23393	23393	1542	953	1584	406	376	241	234	
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US-10-437-963-55529	US-10-481-032A-619	US-10-481-032A-251	US-10-425-115-121846	US-10-282-122A-28380	US-10-282-122A-26197	US-10-425-115-59075	US-10-425-115-159702	US-10-437-963-58427	US-10-425-115-92555	US-10-741-600-17976	US-10-741-601-5768	US-10-741-600-17728	US-10-741-601-5680	US-10-282-122A-11876	US-10-437-963-40183	US-10-282-122A-11150	US-10-259-678-521	US-10-259-678-635	US-10-259-678-586	US-10-259-678-597	
Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	
55529, A	619, App	251, App	121846,	28380, A	26197, A	59075, A	159702,	58427, A	92555, A	•	5768, Ap	æ	5680, Ap	,	40183, A	11150, A	521, App	635, App	•	597, App	•

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Sequence 1, Application US/10086206

Publication No. US20030124546A1

GENERAL INFORMATICN:
APPLICANT: Magdelna, J
APPLICANT: Supply, P
APPLICANT: Supply, P
APPLICANT: VIOCHT, C
TITLE OF INVENTION: MUCLEIC ACID FRAGMENTS AND THEIR APPLICATIONS FOR THE
TITLE OF INVENTION: DETECTION AND DIFFERENTIAL DIAGNOSIS OF M. TUBERCULOSIS
TITLE OF INVENTION: COMPLEX MEMBERS
FILE REFERENCE: 408.014
CURRENT APPLICATION NUMBER: US/10/086,206
CURRENT APPLICATION NUMBER: US/10/086,206
CURRENT FILING DATE: 2002-02-28
PRIOR APPLICATION NUMBER: PCT/FR97/01483
PRIOR TILING DATE: 1996-08-12
PRIOR APPLICATION NUMBER: PR 96/10277
PRIOR FILING DATE: 1996-08-19
NUMBER: OF SEQ ID NOS: 11
SOFTMARE: Patentin Ver. 2.1
SEQ ID NO 1
LENGTH: 77
TYPE: DNA
RESULT 2
US-10-080-170-648
US-10-080-170-648; Application US/10080170; Sequence 648, Application US/20080170; Publication No. US20030129601A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                         ; TYPE: DNA ; ORGANISM: Mycobacterium tuberculosis US-10-086-206-1
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Matches
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                                                                                                                                                                                                                                                 Similarity 77; Conserv
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Pred. No. 5.1e-16;
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US-10-080-170-648
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-10-080-170-648
                                                                                    Publication No. US20 GENERAL INFORMATION:
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SEQ ID NO 648
LENGTH: 86114
                                                                                                                                  Sequence 648,
                                                                                                                                                                                                                                                                                                                                                                                                                          Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local :
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: COMPARATIVE MYCOBACTERIAL GENOMICS AS A TOOL FOR TITLE OF INVENTION: IDENTIFYING TARGETS FOR THE DIAGNOSIS, PROPHYLAXIS OR TITLE OF INVENTION: TREATMENT OF MYCOBACTERIOSES FILE REFERENCE: 03495.0218

CURRENT APPLICATION NUMBER: US/10/080,170

CURRENT APPLICATION NUMBER: US/10/080,170

PRIOR APPLICATION NUMBER: 60/270,123

PRIOR FILING DATE: 2001-02-22

NUMBER OF SEQ ID NOS: 652
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: COLE, S.T.

TITLE OF INVENTION: COMPARATIVE MYCOBACTERIAL GENOMICS AS A TOOL FOR TITLE OF INVENTION: IDENTIFYING TARGETS FOR THE DIAGNOSIS, PROPHYLAXIS OR TITLE OF INVENTION: TREATMENT OF MYCOBACTERIOSES

FILE REFERENCE: 03495.0218

CURRENT APPLICATION NUMBER: US/10/080,170

CURRENT FILING DATE: 2002-06-10

PRIOR APPLICATION NUMBER: 60/270,123

PRIOR FILING DATE: 2001-02-22

NUMBER OF SEQ ID NOS: 652
APPLICANT: COLE, STEWART
TITLE OF INVENTION: COMPARATIVE MYCOBACTERIAL GENEOMICS AS A TOOL FOR
TITLE OF INVENTION: IDENTIFYING TARGETS FOR THE DIAGNOSIS, PROPHYLAX
TITLE OF INVENTION: TREATMENT OF MYCOBACTERIOSES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: PatentIn Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 86114
TYPE: DNA
ORGANISM: Mycobacterium tuberculosis
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                                                                                                                                Application US/10468356
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                                                                                                              US20040197896A1
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                      PROPHYLAXIS OR
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APPLICANT: Supply, P
APPLICANT: Supply, P
APPLICANT: Locht, C
TITLE OF INVENTION: M. TUBERCULOSIS COMPLEX MEMBERS MYCOBACTERIA SPECIFIC
TITLE OF INVENTION: NUCLEIC ACID FRAGMENTS AND THEIR APPLICATIONS FOR THE
TITLE OF INVENTION: DETECTION AND DIFFERENTIAL DIAGNOSIS OF M. TUBERCULOSIS
TITLE OF INVENTION: COMPLEX MEMBERS
FILE REFERENCE: 408.014
CURRENT APPLICATION NUMBER: US/10/086,206
CURRENT FILING DATE: 2002-202-28
PRIOR APPLICATION NUMBER: PCT/FR97/01483
PRIOR APPLICATION NUMBER: PCT/FR97/01483
PRIOR APPLICATION NUMBER: FR 96/10277
PRIOR FILING DATE: 1996-08-12
NUMBER OF SEQ ID NOS: 11
SOFTWARE: Patentin Ver. 2.1
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CURRENT APPLICATION NUMBER: US/10/468,356
CURRENT FILING DATE: 203-08-19
PRIOR APPLICATION NUMBER: 10/080,170
PRIOR FILING DATE: 2002-02-22
PRIOR APPLICATION NUMBER: 60/270,123
PRIOR FILING DATE: 2001-02-22
NUMBER OF SEQ ID NOS: 655
SOFTWARE: Patentin Ver. 3.2
SEQ ID NOS 648
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                                                         RESULT 6
US-10-755-415-137
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Sequence 137, Application US/10755415 Publication No. US20050136480A1 GENERAL INFORMATION:
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Publication No. US20030124546A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                 SEQ ID NO 2
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Best Local Similarity
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TYPE: DNA
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95.6%;
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Pred. No.
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Pred. No. 0.00027;
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APPLICANT:
APPLICANT:

SHARMA, RAMI MAHESHWARI,

RAMAKANT

JITENDRA KUMAR

APPLICANT: BRAHMACHARI, SAMIR KUMAR APPLICANT: DASH, DEBASIS

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US-10-282-122A-26639
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SEQ ID NO 137
LENGTH: 471
TYPE: DNA
ORGANISM: Mycobacterium tuberculosis
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Publication No. US20040029129A1
                                                                                 SEQ ID NO 26639
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APPLICANT: Zamud
APPLICANT: Malon
APPLICANT: Hasel
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                                                                                              Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 78614
SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR FILING DATE: 2000-03-21
PRIOR APPLICATION NUMBER: 60/206,848
PRIOR FILING DATE: 2000-05-23
PRIOR APPLICATION NUMBER: 60/207,727
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: 60/230,335
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: Identification of Essential Genes in Microorganisms FILE REFERENCE: ELITRA.034A CURRENT APPLICATION NUMBER: US/10/282,122A CURRENT FILING DATE: 2003-02-20 CURRENT FILING DATE: 2003-07-20 PRIOR APPLICATION NUMBER: 60/191,078
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APPLICANT:
APPLICANT:
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CURRENT APPLICATION NUMBER: US/10/755,415
CURRENT FILING DATE: 2004-01-13
PRIOR APPLICATION NUMBER: 10/727,989
PRIOR FILING DATE: 2003-12-05
NUMBER OF SEQ ID NOS: 373
                                                                                                                                                                 PRIOR FILING DATE: 2000-12-22
PRIOR APPLICATION NUMBER: 60/267,636
PRIOR FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: 60/269,308
PRIOR FILING DATE: 2001-02-16
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        LENGTH: 975
TYPE: DNA
ORGANISM: Mycobacterium bovis
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                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: 60/242,578 FILING DATE: 2000-10-23 APPLICATION NUMBER: 60/253,625
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                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: 2000-09-06
                                                                                                                                                                                                                                                                    APPLICATION NUMBER: 60/257,931
                                                                                                                                                                                                                                                                                          FILING DATE: 2000-11-27
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Zamudio, cu.
Zamudio, cheryl
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Trawick, John
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89.6%;
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Pred. No. 0.00088;
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; ORGANISM: Mycobacterium tuberculosis
US-10-481-265-96
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APPLICANT: Marsh, Philip
TITLE OF INVENTION: Mycobacterial Antigens Ex.
PILE REFERENCE: 1581.102000
CURRENT APPLICATION NUMBER: US/10/481,265
CURRENT FILING DATE: 2003-12-19
PRIOR APPLICATION NUMBER: GB 0115365.9
PRIOR FILING DATE: 2001-06-22
PRIOR APPLICATION NUMBER: GB 0121780.1
PRIOR APPLICATION NUMBER: GB 0121780.1
PRIOR APPLICATION NUMBER: PCT/GB02/02845
PRIOR APPLICATION NUMBER: PCT/GB02/02845
PRIOR FILING DATE: 2002-06-21
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Best Local Similarity
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LENGTH: 975
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Best Local Similarity
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APPLICANT:
APPLICANT:
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APPLICANT:
                                TITLE OF INVENTION: Identification of Essential Genes
FILE REFERENCE: ELITRA.034A
CURRENT APPLICATION UNMEER: US/10/282,122A
CURRENT FILING DATE: 2003-02-20
RRIOR APPLICATION UNMER: 60/191,078
PRIOR FILING DATE: 2000-03-21
PRIOR APPLICATION NUMBER: 60/206,848
PRIOR FILING DATE: 2000-05-23
PRIOR FILING DATE: 2000-05-23
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SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: James, Brian William
APPLICATION NUMBER: 60/207,727 FILING DATE: 2000-05-26
                                                                                                                                                                                                                                                                                                                                                                                                            INFORMATION:
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                                                                                                                                                                                                 Yamamoto, R
Forsyth, R.
                                                                                                                                                                                                                                      Trawick, John
Carr, Grant
                                                                                                                                                                                                                                                                                            Ohlsen, Kari
Zyskind, Judith
                                                                                                                                                                                                                                                                                                                                   Haselbeck, Robert
                                                                                                                                                                                                                                                                                                                                            Zamudio, Carlo
Malone, Cheryl
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lio, Carlos
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                                                                                                                                                                                                                        Robert
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 37.6; DB 8 Pred. No. 0.0052;
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Pred. No. 0.0052;
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US-10-282-122A-26508
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                                                                                                                                                                                 PRIOR APPLICATION NUMBER: 60/191,078
PRIOR FILING DATE: 2000-03-21
PRIOR FILING DATE: 2000-03-21
PRIOR FILING DATE: 2000-05-23
PRIOR APPLICATION NUMBER: 60/207,727
PRIOR FILING DATE: 2000-05-26
PRIOR PRILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: 60/230,335
PRIOR FILING DATE: 2000-09-06
PRIOR PILING DATE: 2000-09-09
PRIOR APPLICATION NUMBER: 60/230,347
PRIOR FILING DATE: 2000-09-09
PRIOR APPLICATION NUMBER: 60/242,578
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LENGTH: 978
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APPLICANT:
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APPLICANT: Zamud
APPLICANT: Malon
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CURRENT APPLICATION NUMBER: US/10/282,122A
CURRENT FILING DATE: 2003-02-20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                       FITLE OF INVENTION: Identification of Essential Genes in Microorganisms
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA ORGANISM: Mycobacterium tuberculosis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                DR FILING DATE: 2000-09-06

RR APPLICATION NUMBER: 60/230,347

DR FILING DATE: 2000-09-09

RR APPLICATION NUMBER: 60/242,578

DR FILING DATE: 2000-10-23

DR FILING DATE: 2000-11-27

DR FILING DATE: 2000-11-27
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: 60/267,636
FILING DATE: 2001-02-09
APPLICATION NUMBER: 60/269,308
FILING DATE: 2001-02-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: 60/257,931
FILING DATE: 2000-12-22
                                                                                                                              FILING DATE: 2000-10-23
APPLICATION NUMBER: 60/253,625
FILING DATE: 2000-11-27
                                                                                                               APPLICATION NUMBER: 60/257,931
                                                      APPLICATION NUMBER: 60/267,636
FILING DATE: 2001-02-09
                                                                                           FILING DATE: 2000-12-22
                   FILING DATE:
                                     APPLICATION NUMBER: 60/269,308
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           32 GCGATGAGGTGGGGGCACCACCCGCTTGCGGGGGAGAGTGGCGC 75
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                40;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Ohlsen, Kari
Zyskind, Judith
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Zamudio, Carlo
Malone, Cheryl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Yamamoto, Robert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Trawick, John
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Haselbeck, Robert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Forsyth, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Daniel
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   data removed
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Pred. No. 0.0052;
0; Mismatches
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   See
File Wrapper
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Sequence 1, Application US/10510021
Publication No. US20050220811A1
GENERAL INFORMATION:
APPLICANT: Cole, Stewart
APPLICANT: Brosch, Roland
APPLICANT: Brosch, Roland
APPLICANT: Brosch, Priscille
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; TYPE: DNA
; ORGANISM: Mycobacterium bovis
US-10-282-122A-26508
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SOFTWARE: PatentIn version
SEQ ID NO 26508
LENGTH: 1803
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CURRENT APPLICATION NUMBER: US/10/510,021
CURRENT FILING DATE: 2004-10-01
PRIOR APPLICATION NUMBER: PCT/IB03/01789
PRIOR FILING DATE: 2003-04-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Majlessi, Laleh
APPLICANT: Demangel, Caroline
APPLICANT: Leclerc, Claude
TITLE OF INVENTION: Identification of virulence associated regions RD1 and
TITLE OF INVENTION: RD5 leading to improve vaccine of M. bovis BCG and M.
TITLE OF INVENTION: microti
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: EP 02/290864
PRIOR PILING DATE: 2002-04-05
NUMBER OF SEQ ID NOS: 75
SOFTWARE: Patentin Ver. 2.1
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APPLICANT: Pym,
APPLICANT: Brose
APPLICANT: Demangel, Caroline
APPLICANT: LecLerc, Claude
TITLE OF INVENTION: Identification of virulence associated regions RD1 and
TITLE OF INVENTION: RD5 leading to improve vaccine of M. bovis BCG and M.
TITLE OF INVENTION: microti
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                                                                                             APPLICANT:
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TYPE: DNA
ORGANISM: mycobacterium tuberculosis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FEATURE:
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                                                                                                                                                                                                                                                                                                                                                    TGACCTGCGCCGACGACGATGCAGAGCGTAGCGATGAGGTGGGG 45
                                                                                                                                                                                                                                                                                                                           TGACCCGCGCGCGACGATGCAAAGCGCGATGAGGAGGAG 5996
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Brodin, Priscille
                                                                           Majlessi, Laleh
Demangel, Caroline
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92.7%;
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FILE REFERENCE: D20217

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US-09-791-171-71
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  밁
                                                                                                                                                                         ; TYPE: DNA ; ORGANISM: Mycobacterium tuberculosis US-09-791-171-71
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LENGTH: 31808
TYPE: DNA
ORGANISM: Mycobacterium tuberculosis
                                                                                        Matches
                                                                                                          Query Match
Best Local (
                                                                                                                                                                                                                                                                 SEQ ID NO 71
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: ROSENKRANDS, Ida
APPLICANT: WELDINGH, KARIN
APPLICANT: FLORIO, Walter
TITLE OF INVENTION: NUCLEIC ACIDS FRAGMENTS AND POLYPEPTIDE FRAGMENTS
TITLE OF INVENTION: DERIVED FROM M. TUBERCULOSIS
FILE REFERENCE: 670001-2002.1
CURRENT APPLICATION NUMBER: US/09/791,171
CURRENT FILING DATE: 2001-02-20
PRIOR APPLICATION NUMBER: US/09/50,739
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/10/510,021
CURRENT FILING DATE: 2004-10-01
PRIOR APPLICATION NUMBER: PCT/IB03/01789
PRIOR FILING DATE: 2003-04-01
PRIOR APPLICATION NUMBER: EP 02/290864
PRIOR APPLICATION NUMBER: EP 02/290864
PRIOR FILING DATE: 2002-04-05
NUMBER OF SEQ ID NOS: 75
                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 0376/97
PRIOR FILING DATE: 1997-04-02
PRIOR APPLICATION NUMBER: 1277/97
PRIOR FILING DATE: 1997-11-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: ANDERSEN, Peter APPLICANT: NIELSEN, Rikke
                                                                                                                                                                                                                                                                                    SOFTWARE: PatentIn Ver.
                                                                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS: 173
                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: 60/070,488
PRIOR FILING DATE: 1998-01-05
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                                                                                                                                                                                                                                          LENGTH: 1890
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Match 44.7%;
Local Similarity 86.4%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             11914 TGACCCGCCGCCGCCACCATGCAAAGCGCGATGAGGAGGAG 11957
                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: 60/044,624 FILING DATE: 1997-04-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     38;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2 TGACCTGCGCCGACGACGATGCAGAGCGTAGCGATGAGGTGGGG 45
                                         1 ATGACCTGCGCCGACGACGATGCAGAGCGTAGCGATGAGGTGGGG 45
                                                                                                        h 41.8%;
Similarity 82.2%;
ACGGCCCGCCGGCGACGATGCAAAGCGCAGCGATGAGGAGGAG 70
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OETTINGER, Thomas
RASMUSSEN, Peter Birk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Application US/09791171
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                                                                                          Conservative
                                                                                                                                                                                                                                                                                           2.0
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                                                                                                        Score 32.2; DB 3;
Pred. No. 0.31;
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                                                                                     Mismatches
                                                                                     8
                                                                                                                             Length 1890;
                                                                                     Indels
                                                                                     0
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                                                                                     0
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RESULT 14 US-09-804-980-71

Query Match Best Local Similarity

Score 32.2; DB Pred. No. 0.31;

7;

Length 1890;

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; TYPE: DNA
; ORGANISM: Mycobacterium tuberculosis
US-10-620-246-71
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; TYPE: DNA ; ORGANISM: Mycobacterium tuberculosis US-09-804-980-71
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-10-620-246-71
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION: APPLICANT: ANDERSEN,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 71, Application US/09804980 Publication No. US20030147897A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 71, Application US/10620246 Publication No. US20040115211A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: PatentIn version 3.0 SEQ ID NO 71
                                                                                                  SOFTWARE: PatentIn SEQ ID NO 71
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Matches
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Statens Serum Intitut
APPLICANT: Anderson, Peter
TITLE OF INVENTION: M. Tuberculosis Antigens
FILE REFERENCE: 670001-2002.4
CURRENT APPLICATION NUMBER: US/09/804,980
CURRENT APPLICATION DIMBER: 05/09/804,980
CURRENT FILING DATE: 2001-03-12
NUMBER OF SEQ ID NOS: 257
                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR FILING DATE: 1997-04-02
PRIOR APPLICATION NUMBER: 1277/97
PRIOR FILING DATE: 1997-11-10
PRIOR APPLICATION NUMBER: 60/044,624
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/10/620,246
CURRENT FILING DATE: 2003-07-15
PRIOR APPLICATION NUMBER: 09/050,739
PRIOR FILING DATE: 1998-03-30
                                                                                                                                     PRIOR FILING DATE: 1998-10-08
NUMBER OF SEQ ID NOS: 173
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: NUCLEIC ACIDS FRAGMENTS AND POLYPEPTIDE FRAGMENTS TITLE OF INVENTION: DERIVED FROM M. TUBERCULOSIS FILE REFERENCE: 670001-2002.1A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
                                                                                                                                                                                    PRIOR APPLICATION NUMBER: 1281/98
                                                                                                                                                                                                              PRIOR FILING DATE: 1999-01-21
                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: 09/415,884
PRIOR FILING DATE: 1999-10-08
                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: 09/791,171
PRIOR FILING DATE: 2001-02-20
                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: 10/138,473 PRIOR FILING DATE: 2002-05-02
                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: 0376/97
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
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                                                                             LENGTH: 1890
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                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: 60/070,488 FILING DATE: 1998-01-05
                                                                                                                                                                                                                                   APPLICATION NUMBER: 60/116,673
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            26 ACGGCCCGCCGCCGACGATGCAAAGCGCAGCGATGAGGAGGAG 70
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RASMUSSEN, Peter Birk
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FLORIO, Walter
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82.2%;
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Search completed: January 11, 2006, 21:19:33 Job time : 618.408 secs	QY 1 ATGACCTGCGCCGACGACGATGCAGAGCGTAGCGATGAGGTGGGG 45	Matches 37; Conservative 0; Mismatches 8; Indels
		0;
		0; Gaps
		0;

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Title:
Perfect score:
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Maximum Match 100%
Listing first 45 summaries
                                                                                                                                                                                                                                                                                                                                                                                                                                                           Minimum DB seq length: 0
Maximum DB seq length: 200000000
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Searched:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Run on:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Scoring table:
Published_Applications_NA_New:*

1: /cgn2_6/ptodata/2/pubpna/US08_NEW_PUB.seq:*

2: /cgn2_6/ptodata/2/pubpna/US08_NEW_PUB.seq:*

3: /cgn2_6/ptodata/2/pubpna/US07_NEW_PUB.seq:*

4: /cgn2_6/ptodata/2/pubpna/PCT_NEW_PUB.seq:*

5: /cgn2_6/ptodata/2/pubpna/US10_NEW_PUB.seq:*

6: /cgn2_6/ptodata/2/pubpna/US10_NEW_PUB.seq:*

7: /cgn2_6/ptodata/2/pubpna/US11_NEW_PUB.seq:*

8: /cgn2_6/ptodata/2/pubpna/US11_NEW_PUB.seq:*

9: /cgn2_6/ptodata/2/pubpna/US11_NEW_PUB.seq3:*

10: /cgn2_6/ptodata/2/pubpna/US10_NEW_PUB.seq3:*
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192.350 Million cell updates/sec
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Copyright (c) 1993 - 2006 Compugen Ltd.
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

20 22 23	14 15 16 18	c 110	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Result No.
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US-10-995-561-343 US-10-995-561-344 US-10-995-561-348 US-10-995-561-346	10-995-561- 10-995-561- 10-995-561- 10-995-561- 10-995-561- 10-995-561-	-11-000-688 -10-972-053 -10-802-796 -11-136-527	US-11-075-185-1 US-11-181-587-25 US-10-802-796-526 US-10-802-796-597 US-10-802-796-535 US-10-802-796-635 US-10-802-796-631 US-10-802-796-631	-11-075-185-
Sequence 343, App Sequence 344, App Sequence 348, App Sequence 346, App	9472, 9482, 9494, 9510, 9525, 51151	Sequence 245, App Sequence 3, Appli Sequence 3, Appli Sequence 567, App Sequence 3025, Ap	525, 526, 586, 521,	Description Sequence 38, Appl

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RESULT 2
US-11-075-185-1/c
US-11-075-185-1/c
; Sequence 1, Application US/11075185
; Publication No. US20050266434A1
; GENERAL INFORMATION:
; APPLICANT REFUES, CHRISTOPHER D
; APPLICANT: REFUES, CHRISTOPHER D
; APPLICANT: REID, RALPH
; APPLICANT: REID, RALPH
; TITLE OF INVENTION: BIOSYNTHETIC GENE CLUSTER FOR AMBRUTICINS

Qy 2 TGACCTGCGCCGACGACGACGAGGGGTAGCGATGAGGTGGGGGGCACCACCCGCTTGCG	Query Match 38.7%; Score 29.8; DB 7; Le Best Local Similarity 63.0%; Pred. No. 2.5; Matches 46; Conservative 0; Mismatches 27; I	RESULT 1  US-11-075-185-38/c  ; Sequence 38, Application US/11075185  Publication No. US20050266434A1  ; GENERAL INFORMATION:  ; APPLICANT: REFYES, CHRISTOPHER D  APPLICANT: RELID, RALPH  ; TITLE OF INVENTION: BIOSYNTHETIC GENE CLUSTER FOR AMB  FILE REFERENCE: 01099.03  ; CURRENT ELING DATE: 2005-03-07  PRIOR APPLICATION NUMBER: US/11/075,185  ; CURRENT ELING DATE: 2004-03-08  ; PRIOR APPLICATION NUMBER: US 60/551,103  ; PRIOR FILING DATE: 2004-05-04  ; NUMBER OF SEQ ID NOS: 61  ; SOFTWARE: PatentIn version 3.3  ; SEQ ID NO 38  ; LENCTH: 6594  ; TYPE: DNA  ; ORGANISM: Sorangium cellulosum  US-11-075-185-38	ALIGNMENTS	24 25 32.5 3759 6 US-10-995-561-347 25 25 32.5 30192 6 US-10-995-561-3136 26 24.8 32.2 1080000 6 US-10-928-446A-181 27 24.8 32.2 1080000 6 US-10-928-446A-183 28 24.8 32.2 1080000 6 US-10-928-446A-183 29 24.8 32.2 1080000 6 US-10-928-446A-183 30 24.8 32.2 1080000 6 US-10-928-446A-189 31 24.8 32.2 1080000 6 US-10-928-446A-189 32 24.8 32.2 1080000 6 US-10-928-446A-199 33 24.8 32.2 1080000 6 US-10-928-446A-199 34 24.8 32.2 1080000 6 US-10-928-446A-199 35 24.8 32.2 1080000 6 US-10-928-446A-199 36 24.8 32.2 1080000 6 US-10-928-446A-199 37 24.8 32.2 1080000 6 US-10-928-446A-199 38 24.6 31.9 32.2 1080000 6 US-10-928-446A-201 39 24.6 31.9 217 6 US-10-802-796-266 39 24.6 31.9 917 6 US-10-803-512-114 32 24.6 31.9 850 6 US-10-883-512-112 32 24.6 31.9 895 6 US-10-883-512-112 33 24.6 31.9 929 6 US-10-883-512-112 34 24.6 31.9 929 6 US-10-883-512-112 35 24.6 31.9 929 6 US-10-883-512-112 36 24.6 31.9 929 6 US-10-883-512-112 37 24.8 31.9 929 6 US-10-883-512-112 38 24.6 31.9 929 6 US-10-883-512-112 39 24.6 31.9 929 6 US-10-883-512-112 30 24.6 31.9 929 6 US-10-883-512-112 30 24.6 31.9 929 6 US-10-883-512-112 31 24.8 31.9 929 6 US-10-883-512-113
GIGGGGGCACCACCCGCTIGCG 61	Length 6594; ; Indels 0; Gaps 0;	AMBRUTICINS		Sequence 347, App Sequence 1306, A Sequence 1306, A Sequence 11, Appli Sequence 181, App Sequence 181, App Sequence 185, App Sequence 187, App Sequence 191, App Sequence 191, App Sequence 197, App Sequence 197, App Sequence 201, App Sequence 201, App Sequence 113, App Sequence 114, App Sequence 114, App Sequence 112, App Sequence 111, App Sequence 112, App Sequence 112, App Sequence 112, App Sequence 111, App Sequence 112, App Sequence 112, App Sequence 111, App Sequence 111, App Sequence 112, App Sequence 112, App Sequence 112, App Sequence 112, App Sequence 114, App Sequence 116, Appli

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                                                                                                                                                                                                         US-10-802-796-526/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; OTHER INFORMATION: Mycobacterium tuberculosum amplicon US-11-181-587-25
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS: 27
SOPTWARE: PatentIn version 3.3
SEQ ID NO 25
LENGTH: 647
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQ ID NOS: 61
SOFTWARE: PatentIn version 3.3
SEQ ID NO 1
                                                                                                                                          Sequence 526, Application US/10802796 Publication No. US20050250104A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 25, Application US/11181587 Publication No. US20050266492A1
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Best Local (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: GORDON, STEPHEN
APPLICANT: BILLAUIT, ALAN
TITLE OF INVENTION: A METHOD FOR ISOLATING A POLYNUCLEOTIDE OF INTEREST
TITLE OF INVENTION: FROM THE GENOME OF A MYCOBACTERIUM USING A BAC-BASI
TITLE OF INVENTION: DNA LIBRARY. APPLICATION TO THE DETECTION OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Keim, Paul S.

APPLICANT: Keim, Paul S.

APPLICANT: Spurgiesz, Robert S.

APPLICANT: Schupp, James M.

TITLE OF INVENTION: High Resolution Typing System for Pathogenic Mycobacterium Tuberc FILE REFERENCE: 112624,00085 DIV
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILE REFERENCE: 010099.03
CURRENT APPLICATION NUMBER: US/11/075,185
CURRENT FILING DATE: 2005-03-07
PRIOR APPLICATION NUMBER: US 60/551,103
PRIOR FILING DATE: 2004-03-08
PRIOR APPLICATION NUMBER: US 60/568,290
PRIOR FILING DATE: 2004-05-04
                                                                                                  APPLICANT: COLE, APPLICANT: BUCHF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/11/181,587
CURRENT FILING DATE: 2005-07-13
PRIOR APPLICATION NUMBER: US 60/397,224
PRIOR FILING DATE: 2002-07-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
ORGANISM: Sorangium cellulosum
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 78869
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                                                                                                                                                                                                                                                                                                                                                                                        Local
                                                                                                                                                                                                                                                                                       363
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                                                                                                                                                                                                                                                                                                                             30 TAGCGATGAGGTGGGGGCACCACCCGCTTGCGGGGGAGAGTGGC 73
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2 TGACCTGCGCCGACGACGATGCAGAGCGTAGCGATGAGGTGGGGGGCACCACCCGCTTGCG
                                                                                                                                                                                                                                                                                                                                                                                        Similarity
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                                                                                                                                                                                                                                                                                                                                                                     Conservative
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79.5%;
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Pred. No. 2.3;
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Pred. No. 3.1;
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                                                                                                                                                                                                                                                                                                                                                                                                        Length 647;
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RESULT 6 US-10-802-796-586/c

Sequence 586, Application US/10802796
Publication No. US20050250104A1
GENERAL INFORMATION:

APPLICANT:

COLE, STEWART
BUCHRIESER-BROSCH, ROLAND

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; ORGANISM: Mycobacterium tuberculosis
US-10-802-796-526
                                                                                                                                                             ; TYPE: DNA
; ORGANISM: Mycobacterium tuberculosis
US-10-802-796-597
                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/10/802,796
CURRENT FILING DATE: 2004-03-18
PRIOR APPLICATION NUMBER: US/09/673,476
PRIOR FILING DATE: 2002-03-29
PRIOR APPLICATION NUMBER: PCT/IB99/00740
PRIOR FILING DATE: 1999-04-16
PRIOR APPLICATION NUMBER: 09/060,756
PRIOR APPLICATION NUMBER: 09/060,756
PRIOR FILING DATE: 1998-04-16
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SOFTWARE: PatentIn Ver. 2
SEQ ID NO 597
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Best Local Similarity
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                                                                               Matches
                                                                                                Query Match
Best Local (
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APPLICANT: BILLAULT, ALAIN
TITLE OF INVENTION: A METHOD FOR ISOLATING A POLYNUCLEOTIDE OF INTEREST
TITLE OF INVENTION: FROM THE GENOME OF A MYCOBACTERIUM USING A BAC-BASE
TITLE OF INVENTION: DNA LIBRARY. APPLICATION TO THE DETECTION OF
TITLE OF INVENTION: MYCOBACTERIA.
FILE REFERENCE: 05394.0011-00000
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PRIOR FILING DATE: 1999-04-16
PRIOR APPLICATION NUMBER: 09/060,756
PRIOR FILING DATE: 1998-04-16
NUMBER OF SEQ ID NOS: 743
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILE REFERENCE: 05394.0011.00000
CURRENT APPLICATION NUMBER: US/10/802,796
CURRENT FILING DATE: 2004-03-18
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FILE REFERENCE: 0539
                                                                                                                                                                                                                         LENGTH: 234
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                                                                                                ocal Similarity
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                     CGCCGACGACGATGCAGAGCGTAGCGATGAGGTGGGG 45
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CGCCGGCGACGATGCCGAGCGCGATGAGGAGGAG 48
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o. US20050250104A1
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Pred. No. 4.8;
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Pred. No. 4.7;
                                                                               Mismatches
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TENGTH; 241
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SEQ ID NO 635
LENGTH: 376
                                                                                                        Query Match
Best Local (
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                                                                                      Matches
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APPLICANT: GORDON, STEPHEN
APPLICANT: GORDON, STEPHEN
APPLICANT: BILLAULT, ALAIN
TITLE OF INVENTION: A METHOD FOR ISOLATING A POLYNUCLEOTIDE OF INTEREST
TITLE OF INVENTION: FROM THE GENOME OF A MYCOBACTERIUM USING A BAC-BASED
TITLE OF INVENTION: DNA LIBRARY. APPLICATION TO THE DETECTION OF
TITLE OF INVENTION: MYCOBACTERIA.
FILE REFERENCE: 05394.0011-00000
CURRENT APPLICATION NUMBER: US/10/802,796
CURRENT APPLICATION NUMBER: US/09/673,476
PRIOR APPLICATION NUMBER: 002-03-18
PRIOR APPLICATION NUMBER: DCT/TR99/00740
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PRIOR FILING DATE: 2002-03-29
PRIOR APPLICATION NUMBER: PCT/IB99/00740
PRIOR FILING DATE: 1999-04-16
PRIOR APPLICATION NUMBER: 09/060,756
PRIOR APPLICATION NUMBER: 09/060,756
PRIOR FILING DATE: 1998-04-16
PRIOR FILING DATE: 1998-04-16
PRIOR FILING DATE: 1998-04-16
                                                                                                                                                                                                                                                                                               NUMBER OF SEQ ID NOS: 743
                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: PCT/IB99/00740
PRIOR FILING DATE: 1999-04-16
PRIOR APPLICATION NUMBER: 09/060,756
PRIOR FILING DATE: 1998-04-16
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CURRENT FILING DATE: 2004-03-18
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TITLE OF INVENTION: A METHOD FOR ISOLATING A POLYNUCLEOTIDE OF INTEREST
TITLE OF INVENTION: FROM THE GENOME OF A MYCOBACTERIUM USING A BAC-BASED
TITLE OF INVENTION: DA LIBRARY. APPLICATION TO THE DETECTION OF
TITLE OF INVENTION: MYCOBACTERIA.
FILE REFERENCE: 05394.0011-00000
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA ORGANISM: Mycobacterium tuberculosis
                                                                                                                                                                                         TYPE: DNA ORGANISM: Mycobacterium tuberculosis
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32;
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                                                                                                      h 37.7%;
Similarity 86.5%;
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b. US20050250104A1
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                                                                                    Conservative
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86.5%;
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                                                                                    5; Indels
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RESULT 8 US-10-802-796-521/c

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; ORGANISM: Mycobacterium tuberculosis
US-10-802-796-521
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                                                                                                                                                                                                                                                                    PRIOR FILING DATE: 1998-04-16
NUMBER OF SEQ ID NOS: 743
SOFTWARE: PatentIn Ver. 2.2
SEQ ID NO 60
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Publication No.
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/10/802,796
CURRENT FILING DATE: 2004-03-18
PRIOR APPLICATION NUMBER: US/09/673,476
PRIOR FILING DATE: 2002-03-29
PRIOR APPLICATION NUMBER: PCT/IB99/00740
PRIOR FILING DATE: 1999-04-16
PRIOR FILING DATE: 1999-04-16
PRIOR FILING DATE: 1999-04-16
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APPLICANT: BUCHRIESER-BROSCH, ROLAND

APPLICANT: GORDON, STEPHEN

APPLICANT: GORDON, STEPHEN

APPLICANT: BILLAULT, ALAIN

TITLE OF INVENTION: A METHOD FOR ISOLATING A POLYNUCLEOTIDE OF INTEREST

TITLE OF INVENTION: FROM THE GENOME OF A MYCOBACTERIUM USING A BAC-BASED

TITLE OF INVENTION: DNA LIBRARY. APPLICATION TO THE DETECTION OF

TITLE OF INVENTION: MYCOBACTERIA.

FILE REFERENCE: 05394.0011-00000
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APPLICANT: BUCHRIESER-BROSCH, ROLAND

APPLICANT: BUCHRIESER-BROSCH, ROLAND

APPLICANT: GORDON, STEPHEN

APPLICANT: BILLAULT, ALAIN

ITITLE OF INVENTION: A METHOD FOR ISOLATING A POLYNUCLEOTIDE OF INTEREST

TITLE OF INVENTION: FROM THE GENOME OF A MYCOBACTERIUM USING A BAC-BASED

TITLE OF INVENTION: MYCOBACTERIA.

TITLE OF INVENTION: MYCOBACTERIA.

FILE APPLICATION NUMBER: US/10/802,796

CURRENT APPLICATION DATE: 2004-03-18

DELICA APPLICATION TO THE DETECTION OF
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PRIOR FILING DATE: 1999-04-16
PRIOR APPLICATION NUMBER: 09/060,756
PRIOR FILING DATE: 1998-04-16
NUMBER OF SEQ ID NOS: 743
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                                                                                         ORGANISM: Mycobacterium tuberculosis FEATURE:
NAME/KEY: modified base
LOCATION: (154)...155)
OTHER INFORMATION: a, t, c or g
                                                                                                                                                                                                                          LENGTH: 448
TYPE: DNA
LOCATION: (322)
OTHER INFORMATION: a, t,
                                            FEATURE: modified_base
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No. US20050250104A1
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Pred. No.
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SEQ ID NO 245
LENCTH: 2627
TYPE: DNA
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Best Local Similarity
                                                                                                                                  GENERAL INFORMATION:
                                                                                                                                                 Sequence 3, Application US/10972053
Publication No. US20050255489A1
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CURRENT APPLICATION NUMBER: US/11/000,688
CURRENT FILLING DATE: 2004-12-01
PRIOR APPLICATION NUMBER: US 60/525,987
PRIOR FILING DATE: 2003-12-01
NUMBER OF SEQ ID NOS: 1596
APPLICANT: Kaneko, Mika
TITLE OF INVENTION: N-Acetylglucosaminyltransferase
TITLE OF INVENTION: Calls and Methods
FILE REFERENCE: 49-02A
CURRENT APPLICATION NUMBER: US/10/972,053
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: BERTUCCI, Francois
APPLICANT: HOULGATTE, Remi
APPLICANT: BIRNBAUM, Daniel
                                                                   APPLICANT: Pierce, James Michael
APPLICANT: Kamar, Maria
APPLICANT: Lee, Jin-Kyu
APPLICANT: Kaneko, Mika
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LOCATION: (1)...(2627)
OTHER INFORMATION: phospholipase c,
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NAME/KEY: modified_base
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Pred. No. 22;
0; Mismatches
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FILE REFERENCE: 05394.0011-00000
CURRENT APPLICATION NUMBER: US/10/802,796
CURRENT FILING DATE: 2004-03-18
PRIOR APPLICATION NUMBER: US/09/673,476
PRIOR APPLICATION NUMBER: US/09/673,476
PRIOR APPLICATION NUMBER: PCT/IB99/00740
PRIOR FILING DATE: 1999-04-16
PRIOR APPLICATION NUMBER: 09/060,756
PRIOR APPLICATION NUMBER: 09/060,756
PRIOR APPLICATION NUMBER: 09/060,756
PRIOR FILING DATE: 1998-04-16
NUMBER OF SEQ ID NOS: 743
SOFTWARE: Patentin Ver. 2.2
SEQ ID NO 567
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PRIOR APPLICATION NUMBER: PCT/US03/091402
PRIOR FILING DATE: 2003-04-23
PRIOR APPLICATION NUMBER: US 60/375,172
PRIOR FILING DATE: 2002-04-23
NUMBER OF SEQ ID NOS: 12
SOFTWARE: PatentIn version 3.3
SEQ ID NO 3
LENGTH: 3370
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APPLICANT: BILLAULT, ALAIN
TITLE OF INVENTION: A METHOD FOR ISOLATING A POLYNUCLEOTIDE OF INTEREST
TITLE OF INVENTION: FROM THE GENOME OF A MYCOBACTERIUM USING A BAC-BASE
TITLE OF INVENTION: DNA LIBRARY. APPLICATION TO THE DETECTION OF
TITLE OF INVENTION: MYCOBACTERIA.
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NAME/KEY: CDS
LOCATION: (369)..(2744)
  LOCATION:
OTHER INFO
                                                                                                                                                  LOCATION: (15)
OTHER INFORMATION: a, t,
                                                                                                                                                                                                                            LOCATION: (13)
OTHER INFORMATION: a, t,
                                                                                                                                                                                                                                                                PEATURE: modified_base
                                                                                                                                                                                                                                                                                                                              LENGTH: 374
TYPE: DNA
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                                                                        LOCATION: (20)
OTHER INFORMATION: a, t,
                                                                                                                                                                                        FEATURE:
NAME/KEY: modified_base
                                                                                                                                                                                                                                                                                                          ORGANISM: Mycobacterium tuberculosis
                                  FEATURE:
NAME/KEY: modified_base
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INFORMATION: a,
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                    (23)
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GORDON, STEPHEN
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Pred. No. 32;
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LOCATION: (93)
OTHER INFORMATION: a, t,

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NAME/KEY: modified\_base LOCATION: (93)

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FILE REFERENCE: 031896-041000 (AM101086)
CURRENT APPLICATION NUMBER: US/11/136,527
CURRENT FILING DATE: 2005-05-25
PRIOR APPLICATION NUMBER: US 60/574,294
PRIOR FILING DATE: 2005-05-26
NUMBER OF SEQ ID NOS: 362830
SOFTWARE: Patentin version 3.2
SEQ ID NO 3025
SEQ ID NO 3025
                                                                                                                                                           NAME/KEY: miso_feature
LCCATION: (690)...(690)
COTHER INFORMATION: n is a,
US-11-136-527-3025
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US-11-136-527-3025/c
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Matches
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                                                                                                                     Query Match
Best Local 9
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                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Wyeth
APPLICANT: Mounts, William M
TITLE OF INVENTION: Probe Arrays For Expression Profiling of Rat Genes
                                                                                                                                                                                                                 ORGANISM: Rattus norvegicus FEATURE:
                                                                                                                                                                                                                                             TYPE: DNA
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OTHER INFORMATION: a, t,
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OTHER INFORMATION: a, t,
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1029 AG 1028
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                                                                                                         39;
                                                                                                                      Similarity
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                                                     GCGACGAGGAGGAGGACGAGGACGAGGAGGAGGGGGCCCGGTGGGCAGCGGGGGAT 1030
                                                                      GCGCCGACGATGCAGAGCGTAGCGATGAGGTGGGGGGCACCACCCGCTTGCGGGGGAG
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Pred. No. 55;
0; Mismatches
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Pred. No. 52;
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; ORGANISM: Homo sapiens
US-10-995-561-9482
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Search completed: January 11, 2006, 21:28:52 Job time: 329.992 secs
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Publication No. US20050272054A1

GENERAL INFORMATION:
APPLICANT: CARGILL, Michele et al.
TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: DETECTION AND USES THEREOF
TITLE OF INVENTION: DETECTION AND USES THEREOF
FILE REPERENCE: CL001559

FULE REPERENCE: CL001559

CURRENT APPLICATION NUMBER: US/10/995,561
CURRENT APPLICATION NUMBER: US/10/995,561

CURRENT FILING DATE: 2004-11-24

NUMBER OF SEQ ID NOS: 85702

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 9472
                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 9482, Application US/10995561
Publication No. US20050272054A1
GENERAL INFORMATION:
APPLICANT: CARGILL, Michele et al.
TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: CENEDIOVASCULAR DISORDERS AND DRUG RESPONSE,
TITLE OF INVENTION: DETECTION AND USES THEREOF
                                                                                                                                                                                                                                                                                                               FILE REPERENCE: CL001559

CURRENT APPLICATION NUMBER: US/10/995,561

CURRENT FILING DATE: 2004-11-24

NUMBER OF SEQ ID NOS: 85702

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 9482
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Best Local S
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Best Local Similarity
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                                                                                                                     15 CGACGATGCAGAGCGTAGCGATGAGGTGGGGGGCACCACCCGCTTGCGGGGGAGAGTG
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                                                                                                                                                          1 Similarity 37; Conserv
                                                                                CCAGGAGGCTGCGTGTGTCCATGAGCCCGGGGGACCAAGTGATGGAGGGGAAGAGTG 81
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                                                                                                                                                        Score 25; DB (
Pred. No. 69;
0; Mismatches
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Pred. No. 69;
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Maximum Match 100%
Listing first 45 summaries
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Perfect score:
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                                                                                                                                                                                                                                                                                                                                                        seq length: 0
seq length: 2000000000
                                                                                                                                           Issued Patents NA:*

1: /cgn2_6/ptodata/1

2: /cgn2_6/ptodata/1

3: /cgn2_6/ptodata/1
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207
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           atgacctgcgccgacga.....gatgaggaggagtggcgctg 207
/cgn2_6/ptodata/1/ina/1_COMB.seq:*
/cgn2_6/ptodata/1/ina/5_COMB.seq:*
/cgn2_6/ptodata/1/ina/6A_COMB.seq:*
/cgn2_6/ptodata/1/ina/6B_COMB.seq:*
/cgn2_6/ptodata/1/ina/H_COMB.seq:*
/cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*
/cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*
/cgn2_6/ptodata/1/ina/RE_COMB.seq:*
/cgn2_6/ptodata/1/ina/RE_COMB.seq:*
/cgn2_6/ptodata/1/ina/RE_COMB.seq:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

# SUMMARIES

Result

Query

26 36.8 17.8 183770 3 US-09-949-016-15494 27 36.6 17.7 173 3 US-09-600-756-526 28 36.6 17.7 173 3 US-09-600-756-526 29 36.6 17.7 234 3 US-09-607-314-597 31 36.6 17.7 241 3 US-09-670-314-597 31 36.6 17.7 241 3 US-09-670-314-586 32 36.6 17.7 241 3 US-09-670-756-635 33 36.6 17.7 376 3 US-09-670-756-635 34 36.6 17.7 376 3 US-09-060-756-521 36 36.6 17.7 406 3 US-09-060-756-521 36 36.6 17.7 406 3 US-09-070-314-521 37 36.6 17.7 4167 3 US-09-970-314-521 38 36.4 17.6 601 3 US-09-99-016-21805 39 35.8 17.3 35256 3 US-09-949-016-11991 40 35.8 17.3 144596 3 US-09-949-016-13035 41 35.8 17.3 144596 3 US-09-949-016-13035 42 35.6 17.2 601 3 US-09-949-016-15307 43 35.6 17.2 601 3 US-09-949-016-15307	ი	ი	a	Ω	ი	ი		ი	ი	O	O	O	ი	O	ი	O	ი	a	ი	ი	•
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	187145,	29045, A	15379, A	13035, 4	11749, F	13227, F	11991, 1	21805, A	700, App	521, App	521, App	635, App	635, App	586, App	586, App	597, App	597, App	526, App	•	15494, A	

## ALIGNMENTS

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CURRENT APPLICATION NUMBER: US/99/103,840A
CURRENT FILING DATE: 1998-06-24
NUMBER OF SEQ ID NOS: 2
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 2, Application US/09103840A Patent No. 6294328 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: FLEISCHMAN, ROBERT D.
APPLICANT: WHITE, Owen R.
APPLICANT: FRASER, Claire M.
APPLICANT: VENTER, John C.
TITLE OF INVENTION: DNA SEQUENCES
TITLE OF INVENTION: TUBERCULOSIS
                                                                                                                                                                                                                                                                                                                                                                                           FEATURE: OTHER INFORMATION: CDC 1551
OTHER INFORMATION: "n" bases at various positions throughout the sequence OTHER INFORMATION: represent a, t, c or g
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 4403765
TYPE: DNA
ORGANISM: Mycobacterium tuberculosis
                                                                                                                                                                                                                                   581960 ATGACCTGCGCCGACGACGATGCAGAGCGTAGCGATGAGGTGGGGGGCACCACCCGCTTGC
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mes 207; Conserv
582140
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                                                                                               GGGCACCACCCGCTTGC-GGGGGAGAGTGGCGCCTGATGACCTGCGCCCGACGACGATGCAG 179
AGCGTAGCGATGAGGAGGAGTGGCGCTG 582167
                  AGCGTAGCGATGAGGAGGAGTGGCGCTG 207
                                                                          GGGCACCACCCGCTTGCGGGGGGAGAGTGGCGCTGATGACCTGCGCCGACGATGCAG 582139
                                                                                                                                                     GGGGGAGAGTGGCGCTGATGACCTGCGCCGACGACGATGCAGAGCGTAGCGATGAGGTGG
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ilarity 99.5%;
Conservative
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Pred. No. 2.2e-42;
0; Mismatches 0;
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GENERAL INFORMATION:
APPLICANT: FLEISCHMAN, Robert D.
APPLICANT: WHITE, Owen R.
APPLICANT: FRASER, Claire M.
APPLICANT: FRASER, Claire M.
APPLICANT: VENTER, John C.
TITLE OF INVENTION: DNA SEQUENCES FOR STRAIN
TITLE OF INVENTION: TUBERCULOSIS
FILE REFERENCE: 24366-2007.00
CURRENT APPLICATION NUMBER: US/09/103,840A
CURRENT FILING DATE: 1998-06-24
NUMBER OF SEQ ID NOS: 2
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 1
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APPLICANT: WHITE, Owen R.
APPLICANT: PRASER, Claire M.
APPLICANT: VENTER, John C.
TITLE OF INVENTION: DNA SEQUENCES FOR STRAIN
TITLE OF INVENTION: TUBERCULOSIS
FILE REFERENCE: 24366-20007.00
CURRENT APPLICATION NUMBER: US/09/103,840A
CURRENT APPLICATION NUMBER: US/09/103,840A
CURRENT FILING DATE: 1998-06-24
NUMBER OF SEQ ID NOS: 2
SOFTWARE: Patentin Ver. 2.1
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Patent No. 6294328
  Best Local
Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 94.6%;
Best Local Similarity 99.0%;
                                                                                                                                                                                                                                   SEQ ID NO 2
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                                        Query Match
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                                                                                       FEATURE:
OTHER INFORMATION: CDC 1551
OTHER INFORMATION: "n" bases at various positions throughout the sequence
OTHER INFORMATION: represent a, t, c or g
                                                                                                                                                                                              LENGTH: 4403765
TYPE: DNA
                                                                                                                                                                          ORGANISM: Mycobacterium tuberculosis
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                    Similarity
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                  33.9%;
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Score 70.2; DB 3;
Pred. No. 2.7e-09;
0; Mismatches 8
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Pred. No. 2.5e-42;
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                                    DB 3; Length 4403765;
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APPLICANT: WHITE, Owen R.
APPLICANT: WHITE, Owen R.
APPLICANT: VENTER, John C.
TITLE OF INVENTION: DNA SEQUENCES FOR STRAIN
TITLE OF INVENTION: TUBERCULOSIS
FILE REFERENCE: 24366-20007.00
CURRENT APPLICATION NUMBER: US/09/103,840A
CURRENT FILING DATE: 1998-06-24
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 1
LENGTH: 4411529
TYPE: DNA
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                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: SMITH, DOUGLAS
APPLICANT: MAO, JEN-I
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES
TITLE OF INVENTION: RELATING TO MYCOBACTERIUM TUBERCULOSIS
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Mycobacterium tuberculosis OTHER INFORMATION: H37Rv
                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: WOLF, GRE
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                                                                                                                                                                                      STATE: M.
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                                                                                                                                                                                                                            CITY: BOSTON
CLASSIFICATION:
               FILING DATE:
                                   APPLICATION NUMBER:
                                                                                                                                                                                                                                                             ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         61 GGGGGAGAGTGGCCTGATGACC 83
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                                                                                                                                                                                                        MASSACHUSETTS
                                                                                                                                                                                                                                           E: WOLF, GREENFIELD
600 ATLANTIC AVENUE
                                                                                                                                                                                        USA
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                                                                                                                                                                                                                                                                                                      411
                                     US/08/311,731A
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Pred. No. 2.7e-09;
0; Mismatches 8
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ATTORNEY/AGENT INFORMATION: NAME: GATES, EDWARD R.

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; ORGANISM: Mycobacterium leprae
US-08-311-731A-137
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-08-311-731A-1
                                          TELEPAX: 617/720-241.
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 32155 base pairs
TYDE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 1, Application US/08311731A Patent No. 6583266
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Best Local Similarity
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TELEPAX: 617/720-2441
INFORMATION FOR SEQ ID NO: 137:
SEQUENCE CHARACTERISTICS:
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APPLICANT: MAO, JEN-I
APPLICANT: MAO, JEN-I
TITLE OF INVENTION: RELATING TO MYCOBACTERIUM TUBERCULOSIS AND LAPRAE
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
MUMBER OF SEQUENCES: 411
CORRESPONDENCE ADDRESS:
ADDRESSEE: WOLF, GREENFIELD & SACKS, P.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STREET:
STREET
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NAME: GATES, EDWARD R.
REGISTRATION NUMBER: 31,
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HYPOTHETICAL: NO
ANTI-SENSE: NO
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REFERENCE/DOCKET NUMBER: CO
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/720-3500
                                                                                                                                                                                                                                                                 TELECOMMUNICATION INFORMATION: TELEPHONE: 617/720-3500
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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REFERENCE/DOCKET NUMBER: CO
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TOPOLOGY: circular
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                             STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    62 GGGGAGAGTGGCGCTGATGACCTGCGCCGACG 93
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circular
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79.3%;
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Pred. No. 3e-07;
0; Mismatches 19; Indels 0;
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Best Local Similarity
                                                                                                       TELEPAX: 617/720-2441
INFORMATION FOR SEQ ID NO: 128:
SEQUENCE CHARACTERISTICS:
LENGTH: 42988 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: SMITH,
APPLICANT: MAO, J
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HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
                                           TOPOLOGY: ci:
MOLECULE TYPE:
HYPOTHETICAL: 1
                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
NAME: GATES, EDWARD R.
REGISTRATION NUMBER: 31,616
REFERENCE/DOCKET NUMBER: C0044/7125
            ANTI-SENSE: NO ORIGINAL SOURCE:
                                                                                                                                                                                                           TELECOMMUNICATION INFORMATION:
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ADDRESSEE: WOLF, GRE
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TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES:
                                                                                            STRANDEDNESS:
                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: FILING DATE: CLASSIFICATION: 530
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 ORGANISM:
                                                                                                                                                                                               TELEPHONE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MASSACHUSETTS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                       USA
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MYCOBACTERIUM LEPRAE
                                                                             circular
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                                                               DNA (genomic)
                                                                                                double
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RELATING TO MYCOBACTERIUM TUBERCULOSIS AND LAPRAE FOR
DIAGNOSTICS AND THERAPEUTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          (genomic)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 16, App. --- No. 5700682
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Best
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Patent No. 5700683
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
                                                                                                                                                                                                   Matches
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                  TELEFAX: 415/543/5043
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 16885 base pai
                                                                                                                                                                                                                                                                                STRANDEDNESS: single TOPOLOGY: linear MOLECULE TYPE: DNA (ger
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
CORERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patenth Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/390,878
APPLICATION NUMBER: US/08/390,878
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Stover, Charles K.
APPLICANT: Mahairas, Gregory G.
TITLE OF INVENTION: VIRULENCE-ATTENUATING GENETIC DELETIONS
                                                                                                                                                                                                                                                                                                                                                                                                                                TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Hunter, Tom
REGISTRATION NUMBER: 38,498
REFERENCE/DOCKET NUMBER: 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE: 17 CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STREET:
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: California
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                    GGGAGAGTGGCGCTGATGACCTGCGCCGACGATGCAGAGCGTAGCGATGAGGAGGAG 199
                                                                  GACCCGCGCCGGCGACGATGCAAAGCGCAGCGATGAGGAG
                                                                                     AAGCCGCGCGCATTCACAGGTTCACCGCGCACCGGTTCTCGAGGAGGCGCCGACACCGT
                                                                                                                                                               ATGCAGAGCGTAGCGATGAGGTGGGGGGCACCACCCCCTTGCGGGGGAGAGTGGCGCTGAT 79
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Application US/08390878
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    Townsend and Townsend Khourie and Crew
One Market Plaza, Steuart Street Tower, 20th

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                                                                                                                                                                                                 Conservative
GAGCGGCCCAACGGCCCGCGCCGGCGACGATGCAAAGCGCAGCGATGAGGAGGAG
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N: 435
                                                                                                                                                                                                                                                                                  DNA (genomic)
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71.0%;
                                                                                                                                                                                                            24.7%;
61.3%;
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                                                                                                                                                                                                Score 51.2; DB 2;
Pred. No. 0.00015;
0; Mismatches 48;
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                                                                                                                                                                                                 48;
                                                                                                                                                                                                                               Length 16885;
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APPLICANT: ANDERSEN, Peter
APPLICANT: NIELSEN, Rike
APPLICANT: NIELSEN, Rike
APPLICANT: CETTINGER, Thomas
APPLICANT: RASMUSSEN, Peter Birk
APPLICANT: ROSENKRANDS, Ida
APPLICANT: ROSENKRANDS, Ida
APPLICANT: FLORIO, Walter
TITLE OF INVENTION: NUCLEIC ACIDS FRAGMENTS AND POLYPEPTIDE FRAGMENTS
TITLE OF INVENTION: DERIVED FROM M. TUBERCULOSIS
FILE REFERENCE: 670001-2002.1
CURRENT PILING DATE: 1998-03-30
CURRENT FILING DATE: 1998-03-30
EARLIER APPLICATION NUMBER: 0376/97
EARLIER APPLICATION NUMBER: 0376/97
EARLIER APPLICATION NUMBER: 1277/97
EARLIER FILING DATE: 1997-11-10
EARLIER APPLICATION NUMBER: 60/044,624
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          밁
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                                    CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-10-03
PRIOR PPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 10
                                                                                                                                                                                                                                                                                                                                                                 Sequence 16424, Application US/09949016
Patent No. 6812339
GENERAL INFORMATION:
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Patent No. 664181
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Best Local
                SEQ ID NO 16424
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Matches
                                                                                                                                                                                                                                                                          APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTIC
FILE REFERENCE: CL001307
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             EARLIER FILING DATE: 1997-04-18
EARLIER APPLICATION NUMBER: 60/070,488
EARLIER FILING DATE: 1998-01-05
NUMBER OF SEQ ID NOS: 173
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112465
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Pred. No. 0.0013;
0; Mismatches 13;
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LENGTH: 263
TYPE: DNA
CRGANISM: Mycobacterium tuberculosis
FEATURE:
REATURE:
NAME/KEY: modified base
LOCATION: (1)...(263)
OTHER INFORMATION: n = any nucleotide
US-09-470-191-25
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GENERAL INFORMATION:

APPLICANT: Skeiky, Yasir

APPLICANT: Corixa Corporation

APPLICANT: Corixa Corporation and Methods of Their Use in

TITLE OF INVENTION: Compositions and Methods of Their Use in

TITLE OF INVENTION: the Treatment, Prevention and Diagnosis of Tuberculosis

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 12
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                                                                                                                                   Sequence 138, Application US/08311731A

Patent No. 6583266

GENERAL INFORMATION:
APPLICANT: MAIO, JEN-I
APPLICANT: MAO, JEN-I
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES
TITLE OF INVENTION: RELATING TO MYCOBACTERIUM TUBERCULOSIS
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity
Matches 96; Conserv
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Best Local Similarity
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SEQ ID NO 25
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Matches
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CURRENT FILING DATE: 1999-12-23
PRIOR APPLICATION NUMBER: US 60/113,952
PRIOR FILING DATE: 1998-12-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS:
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                              CORRESPONDENCE ADDRESS:
ADDRESSEE: WOLF, GRE
                                                                                                            NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   16479
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             149 GCGCTGATGACCTGCGCCGACGACGATGCAGAGCGTAGCGATGAGGAGGAGTGGCGC 205
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                47;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FastSEQ for Windows Version 3.0
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S: WOLF, GREENFIELD & SACKS, P.C 600 ATLANTIC AVENUE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0; Mismatches
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Matches 43; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                        Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Ve
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/311,731A
FILING DATE:
CLASSIFICATION: 530
                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO: 138:
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ORIGINAL SOURCE:
ORGANISM: Mycc
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COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
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NAME: GATES, EDWARD R.
REGISTRATION NUMBER: 31,
ATTORNEY/AGENT INFORMATION:
NAME: GATES, EDWARD R.
REGISTRATION NUMBER: 31,616
REFERENCE/DOCKET NUMBER: COO
                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
ADDRESSEE: WOLF, GRE
                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES TITLE OF INVENTION: RELATING TO MYCOBACTERIUM TUBERCULOSIS TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/720-3500
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                                                                                                                                                                                                                                    COUNTRY:
                                                                                                                                                                                                                                                                   CITY: BOSTON
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                   ADDRESSEE:
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 C0044/7125
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                                                                                                                                   Version
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TELECOMMUNICATION INFORMATION: TELEPHONE: 617/720-3500

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RESULT 14
US-08-311-731A-123/c
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                                      US-08-311-731A-123
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GENERAL INFORMATION:
GENERAL TCANT: SMITH, DOUGLAS
TEN-I
 Query Match
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, V.
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/08/311,731A
FILLING DATE:
CLASSIFICATION: 530
                                                                                                                                                                                                                       TELEFAX: 617/720-2441 INFORMATION FOR SEQ ID NO: 123:
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INFORMATION FOR SEQ ID NO: 24:
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                                                                                                                                                                                                                                                                       ATTORNEY/AGENT INFORMATION:
NAME: GATES, EDWARD R.
REGISTRATION NUMBER: 31,616
REFERENCE/DOCKET NUMBER: CO
TELECOMMUNICATION INFORMATION:
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                                                   ORIGINAL SOURCE:
ORGANISM: MYC
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                                                                                                 TOPOLOGY: circle MOLECULE TYPE: DI HYPOTHETICAL: NO
                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
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ADDRESSEE: WOLF, GRI
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                                                                                   ANTI-SENSE:
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                                                                                                                                                                      LENGTH: 36470 base pairs
TYPE: nucleic acid
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TELEFAX: 617/720-2441
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                                                     MYCOBACTERIUM LEPRAE
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 18.6%;
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Pred. No. 0.3;
 Score 38.4;
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Length 36470;
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Search completed: January 12, Job time : 197 secs

2006, 03:32:13

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; LENGTH: 601
; TYPE: DNA
; ORGANISM: Human
US-09-949-016-21806
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CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR PILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 21806
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Patent No. 6812339
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TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS
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1: /cgn2_6/ptodata/1/pubpna/US07_PUBCOMB.seq:*

2: /cgn2_6/ptodata/1/pubpna/US08_PUBCOMB.seq:*

3: /cgn2_6/ptodata/1/pubpna/US08_PUBCOMB.seq:*

4: /cgn2_6/ptodata/1/pubpna/US08_PUBCOMB.seq:*

5: /cgn2_6/ptodata/1/pubpna/US108_PUBCOMB.seq:*

6: /cgn2_6/ptodata/1/pubpna/US108_PUBCOMB.seq:*

7: /cgn2_6/ptodata/1/pubpna/US10_PUBCOMB.seq:*

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US-10-086-206-2
US-10-086-206-2
US-10-510-021-1
US-09-791-171-71
US-09-791-171-71
US-09-791-71-71
US-09-791-71-71
US-10-620-246-71
US-10-620-246-71
US-10-322-281-800
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RESULT 2 US-10-080-170-648

Sequence 648, Application US/10080170

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APPLICANT: COLE, S.
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CURRENT FILING DATE: 2002-06-10
PRIOR APPLICATION NUMBER: 60/270,123
PRIOR FILING DATE: 2001-02-22
NUMBER OF SEQ ID NOS: 652
SOFTWARE: Patentin Ver. 2.1
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                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: 10/080,170
PRIOR FILING DATE: 2002-02-22
PRIOR APPLICATION NUMBER: 60/270,123
PRIOR FILING DATE: 2001-02-22
NUMBER OF SEQ ID NOS: 655
                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: COMPARATIVE MYCOBACTERIAL GENEOMICS AS A TOOL FOR TITLE OF INVENTION: IDENTIFYING TARGETS FOR THE DIAGNOSIS, PROPHYLAX. TITLE OF INVENTION: TREATMENT OF MYCOBACTERIOSES FILE REFERENCE: 05394.019
CURRENT APPLICATION NUMBER: US/10/468,356
CURRENT FILING DATE: 2003-08-19
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99.0%;
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Pred. No. 1.9e-48;
0; Mismatches 2
                                                                                                                               <u>.</u>
                                                                                                                                              Score 195.8;
Pred. No. 1.9
                                                                                                                               Mismatches
                                                                                                                                              1.9e-48;
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                                                                                                                                                                  Length 86114;
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US-10-282-122A-28344
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; TYPE: DNA
; ORGANISM: Mycobacterium tuberculosis
US-10-086-266-1
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SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 1
                                                                                                                                                                                                                                                                                                             Sequence 28344, Application US/10282122A Publication No. US20040029129A1
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Publication No. US20030124546A1
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                                                                                                         APPLICANT:
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APPLICANT: Zamudio, Carlo
APPLICANT: Malone, Cheryl
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CURRENT FILING DATE: 2002-02-28
PRIOR APPLICATION NUMBER: PCT/FR97/01483
PRIOR FILING DATE: 1997-08-12
PRIOR APPLICATION NUMBER: FR 96/10277
PRIOR FILING DATE: 1996-08-19
PRIOR FILING DATE: 1996-08-19
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APPLICANT: Supply, P
APPLICANT: Supply, P
APPLICANT: Locht, C
TITLE OF INVENTION: M. TUBERCULOSIS COMPLEX MEMBERS MYCOBACTERIA SPECIFIC
TITLE OF INVENTION: MUCLEIC ACID FRAGMENTS AND THEIR APPLICATIONS FOR THE
TITLE OF INVENTION: COMPLEX MEMBERS
TITLE OF INVENTION: COMPLEX MEMBERS
                                                    APPLICANT: Xu, H.
TITLE OF INVENTION: Identification of Essential
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                FILE REFERENCE: ELITRA.034A
CURRENT APPLICATION NUMBER: US/10/282,122A
                                                                       APPLICANT:
CURRENT FILING DATE:
                                                                                          APPLICANT:
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les 77; Conserv
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Carr, Grant
Carr, Grant
Robert
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                                                                                    Yamamoto, Ru
Forsyth, R.
                                                                                                                                                              Wall, Daniel
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Zyskind, Judith
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100.0%; FI
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100.0%; Pred. No.
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                                                        in Microorganisms
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FILING DATE:

APPLICATION NUMBER: 60/191,078

2000-03-

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; TYPE: DNA
; ORGANISM: Mycobacterium tuberculosis
US-10-282-122A-28344
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FILE REFERENCE: ELITA. 034A
CURRENT APPLICATION NUMBER: US/10/282,122A
CURRENT FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: 60/191,078
PRIOR FILING DATE: 2000-03-21
PRIOR PILING DATE: 2000-05-23
PRIOR FILING DATE: 2000-05-23
PRIOR PILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-09-06
PRIOR APPLICATION NUMBER: 60/230,335
PRIOR APPLICATION NUMBER: 60/230,335
PRIOR APPLICATION NUMBER: 60/230,337
PRIOR FILING DATE: 2000-09-09
PRIOR FILING DATE: 2000-09-09
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Best Local Similarity
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LENGTH: 978
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APPLICANT: Zamuc
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PRIOR APPLICATION NUMBER: 60/269,308
PRIOR FILING DATE: 2001-02-16
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                                                                                                                                                                                                                                                            TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
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FILING DATE: 2000-09-06
APPLICATION NUMBER: 60/230,347
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APPLICATION NUMBER: 60/257,931
FILING DATE: 2000-12-22
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FILING DATE: 2000-10-23
APPLICATION NUMBER: 60/253,625
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Yamamoto, Ro
Forsyth, R.
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Malone, Cheryl
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Zyskind, Judith
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Pred. No. 3.2e-10;
0; Mismatches 11;
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; TYPE: DNA ; ORGANISM: Mycobacterium tuberculosis US-10-481-265-96
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LENGTH: 975
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Best Local :
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PRIOR FILING DATE: 2002-06-21
NUMBER OF SEQ ID NOS: 118
SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/10/481,265
CURRENT FILING DATE: 2003-12-19
PRIOR APPLICATION NUMBER: GB 0115365.9
PRIOR FILING DATE: 2001-06-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: James, Brian William
APPLICANT: Bacon, Joanna
APPLICANT: Marsh, Philip
TITLE OF INVENTION: Mycobacterial Antigens Expressed Under Low Oxygen Tension
FILE REFERENCE: 1581.1020000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Remaining Prior Application data removed - See File Wrapper or PALM. NUMBER OF SEQ ID NOS: 78614
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TYPE: DNA
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                                                                                                                                                                Local
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FILLING DATE: 2000-12-22
APPLICATION NUMBER: 60/267,636
FILING DATE: 2001-02-09
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FILING DATE: 2000-11-27
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                                    92 CGACGATGCAGAGCGTAGCGA 112
                                                                                                         32 GCGATGAGGTGGGGGCACCACCCGCTTGCGGGGGAGAGTGGCGCTGATGACCTGCGCCGA 91
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CGACGATGCAGAGCGAAGCGA 975
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Pred. No. 2.5e-09;
0; Mismatches 11
                                                                                                                                                                Score 63.4; DB 8; Pred. No. 2.5e-09;
                                                                                                                                               Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 975;
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RESULT 8 US-10-086-206-2

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; ORGANISM: Mycobacterium tuberculosis
US-10-086-206-2
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                                                                                                                                                                      ; OTHER INFORMATION: Complete DNA sequence of RD1 Rv3867-3877
US-10-510-021-2
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US-10-510-021-2
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SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 2
LENGTH: 53
TYPER: NO.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 2, Application US/10510021 Publication No. US20050220811A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: PCT/IB03/01789
PRIOR FILING DATE: 2003-04-01
PRIOR APPLICATION NUMBER: EP 02/290864
PRIOR FILING DATE: 2002-04-05
NUMBER OF SEQ ID NOS: 75
SOFTWARE: PATENTIN Ver. 2.1
SEQ ID NO 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
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                                                                                       Matches
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Best Local Similarity
                                                                                                         Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Magdelena, J
APPLICANT: Magdelena, J
APPLICANT: Supply, P
APPLICANT: Supply, P
APPLICANT: Locht, C
TITLE OF INVENTION: M. TUBERCULOSIS COMPLEX MEMBERS MYCOBACTERIA SPECIFIC
TITLE OF INVENTION: NUCLEIC ACID FRAGMENTS AND THEIR APPLICATIONS FOR THE
TITLE OF INVENTION: COMPLEX MEMBERS
TITLE OF INVENTION: COMPLEX MEMBERS
                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Majlessi, Laleh
APPLICANT: Demangel, Caroline
APPLICANT: Demangel, Caroline
APPLICANT: Leclerc, Claude
TITLE OF INVENTION: Identification of virulence associated regions RD1 and
TITLE OF INVENTION: RD5 leading to improve vaccine of M. bovis BCG and M.
TITLE OF INVENTION: microti
FILE REFERENCE: D20217
CURRENT APPLICATION NUMBER: US/10/510,021
CURRENT FILING DATE: 2004-10-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Cole, APPLICANT: Pym,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILE REFERENCE: 408.014
CURRENT APPLICATION NUMBER: US/10/086,206
CURRENT FILING DATE: 2002-02-28
PRIOR APPLICATION NUMBER: PCT/FR97/01483
PRIOR FILING DATE: 1997-08-12
PRIOR APPLICATION NUMBER: FR 96/10277
PRIOR FILING DATE: 1996-08-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
                                                                                                                                                                                                                ORGANISM: mycobacterium tuberculosis FEATURE:
                                                                                                                                                                                                                                                                               ENGTH: 13773
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        155 ATGACCTGCCGACGACGATGCAGAGCGTAGCGATGAGGAGGAGTGGCGCTG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 53;
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                                           ATGCAGAGCGTAGCGATGAGGTGGGGGGCACCACCCGCTTGCGGGGGAGAGTGGCGCTGAT 79
      AAGCCGCGCGCATTCACAGGTTCACCGCGGCACCGGTTCTCGAGGAGGCGCCGACACCCGT 5953
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Brodin, Priscille
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Pym, Alexander S
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Conservative
                                                                                       Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Stewart
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                                                                                                         24.7%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0,
                                                                                     Score 51.2; DB 9;
Pred. No. 7.4e-06;
0; Mismatches 48
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Mismatches
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3.7e-06;
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CURRENT APPLICATION NUMBER: US/10/510,021
CURRENT FILING DATE: 2004-10-01
PRIOR APPLICATION NUMBER: PCT/IB03/01789
PRIOR FILING DATE: 2003-04-01
PRIOR APPLICATION NUMBER: EP 02/290864
PRIOR FILING DATE: 2002-04-05
NUMBER OF SEQ ID NOS: 75
SOFTMARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-10-510-021-1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Cole, Stewart
APPLICANT: Pym, Alexander S
APPLICANT: Brosch, Roland
APPLICANT: Brodin, Priscille
APPLICANT: Majlessi, Laleh
APPLICANT: Demangel, Caroline
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQ ID NO 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL
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                                                                                                                                                                                                                                                                                                                                  Matches
                                                                                                                                                                                                                                                                                                                                                       Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                        Query Match
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APPLICANT: Demangel, Caroline
APPLICANT: Leclerc, Claude
TITLE OF INVENTION: Identification of virulence associated regions RD1 and
TITLE OF INVENTION: RD5 leading to improve vaccine of M. bovis BCG and M.
TITLE OF INVENTION: microti
                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: Insert of cosm OTHER INFORMATION: in the genome
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Mycobacterium tuberculosis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 31808
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FEATURE:
                                                                                                                                                                                                                                                  11855
12011
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                                                                                                                         140
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                                      200
                                                                                                                                                                                                                                                                                                                                  114;
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                                                                                                                                                                                                80 GACCTGCGCCGACGACGATGCAGAGCGTAGCGATGAGGTGGGGGCACCACCCGCTTGCGG 139
                                                                                                                                                                                                                                                                                        20 ATGCAGAGCGTAGCGATGAGGTGGGGGCACCACCCCCTTGCGGGGGAGAGTGGCGCTGAT 79
                                                                                                                    GGGAGAGTGGCGCTGATGACCTGCGCCGACGACGATGCAGAGCGTAGCGATGAGGAGGAG 199
                                                                                                                                                                                                                                               AAGCCGCGCGCATTCACAGGTTCACCGCCGCCACCGGTTCTCGAGGAGGCGCCGACACCGT 11914
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GACCTGCGCCGACGACGATGCAGAGCGTAGCGATGAGGTGGGGGGCACCACCCGCTTGCGG 139
cecec 12016
                                      TGGCGC 205
                                                                                                                                                               GACCCGCGCGCGACGATGCAAAGCGCAGCGATGAGGAG-
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Brodin, Priscille
                                                                               ----GAGCGGCGAACGGCCCGCGCGCGACGATGCAAAGCGCAGCGATGAGGAGGAG 12010
                                                                                                                                                                                                                                                                                                                                  Conservative
                                                                                                                                                                                                                                                                                                                                                     24.7%;
                                                                                                                                                                                                                                                                                                                                                                                                                                     cosmid RD1-2F9 corresponding to sequence nome of micybacterium tuberculosis H37Rv
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                                                                                                                                                                                                                                                                                                                                                     Score 51.2; DB 9;
Pred. No. 6.8e-06;
                                                                                                                                                                                                                                                                                                                                  Mismatches
                                                                                                                                                                                                                                                                                                                                                                           DB 9;
                                                                                                                                                                                                                                                                                                                                                                      Length 31808;
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                                                                                                                                                                                                                                                                                                                                  24;
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RESULT 11 US-09-791-171-71

Sequence 71, Application US/09791171 Patent No. US20020094336A1 GENERAL INFORMATION:

OETTINGER, Thomas
RASMUSSEN, Peter Birk

NIELSEN, Rikke

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RESULT 12
US-09-804-980-71
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                                                                                                                                                                                                                    ; TYPE: DNA ; ORGANISM: Mycobacterium tuberculosis US-09-804-980-71
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Publication No. US20030147897A1
GENERAL INFORMATION:
APPLICANT: Statens Serum Intitut
APPLICANT: Anderson, Peter
                                                                                                                                                                                                                                                                        SEQ ID NO 71
LENGTH: 1890
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                                                                                                                                              Matches
                                                                                                                                                                                 Query Match
                                                                                                                                                                                                                                                                                                          APPLICANT: Anderson, Peter
TITLE OF INVENTION: M. Tuberculosis Antigens
FILE REFERENCE: 670001-2002.4
CURRENT APPLICATION NUMBER: US/09/804,980
CURRENT FILING DATE: 2001-03-12
NUMBER OF SEQ ID NOS: 257
NUMBER OF SEQ ID NOS: 257
SOFTWARE: PatentIn version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: 60/070,488
PRIOR FILING DATE: 1998-01-05
NUMBER OF SEQ ID NOS: 173
SOFTWARE: Patentin Ver. 2.0
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APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: 0376/97
PRIOR FILING DATE: 1997-04-02
PRIOR APPLICATION NUMBER: 1277/97
PRIOR FILING DATE: 1997-11-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/09/791,171
CURRENT FILING DATE: 2001-02-20
PRIOR APPLICATION NUMBER: 09/050,739
PRIOR FILING DATE: 1998-03-30
PRIOR FILING DATE: 1998-03-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: FLORIO, Walter
TITLE OF INVENTION: NUCLEIC ACIDS FRAGMENTS AND POLYPEPTIDE FRAGMENTS
TITLE OF INVENTION: DERIVED FROM M. TUBERCULOSIS
FILE REFERENCE: 670001-2002.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: 60/044,624 PRIOR FILING DATE: 1997-04-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 1890
                                                                                                                                                            Match 22.8%;
Local Similarity 80.9%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Local
                                                                                            138 GGGGGAGAGTGGCGTGATGACCTGCGCCGACGATGCAGAGCGTAGCGATGAGGAGG 197
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 198 AGTGGCGC 205
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             138 GGGGGAGAGTGGCGCTGATGACCTGCGCCGACGACGATGCAGAGCGTAGCGATGAGGAGG 197
                                198 AGTGGCGC 205
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                                                                       GAGGAGGAGCGCCAACGGCCCGCCGCCGACGATGCAAAGCGCAGCGATGAGGAGG
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AGCGGCGC 76
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                                                                                                                                              Conservative
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                                                                                                                                          Score 47.2; DB 3;
Pred. No. 0.00013;
0; Mismatches 13;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               13;
                                                                                                                                                                             Length 1890;
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RESULT 14

US-10-755-415-137

; Sequence 137, Application US/10755415
; Publication No. US20050136480A1
; Publication No. US20050136480A1
; GENERAL INFORMATION:
    APPLICANT: BRAHMACHARI, SAMIR KUMAR
    APPLICANT: BRAHMACHARI, SAMIR KUMAR
    APPLICANT: SHARMA, RAMAKANT
    APPLICANT: SHARMA, RAMAKANT
    APPLICANT: MAHESHWARI, JITENBRA KUMAR
    TITLE OF INVENTION: DA COMPUTENE BASED VERSATILE METHOD FOR IDENTIFYING PROTEIN CODING
    TITLE OF INVENTION: DA SEQUENCES USEFUL AS DRUG TARGETS
    FILE REFERENCE: 026033-00029
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US-10-620-246-71
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Best Local
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SEQ ID NO 71
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILE REFERENCE: 670001-2002.1A
CURRENT APPLICATION NUMBER: US/10/620,246
CURRENT FILING DATE: 2003-07-15
PRIOR APPLICATION NUMBER: 09/050,739
PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 0376/97
PRIOR FILING DATE: 1997-04-02
PRIOR FILING DATE: 1997-04-02
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TITLE OF INVENTION: NUCLEIC ACIDS FRAGMENTS AND POLYPEPTIDE FRAGMENTS
TITLE OF INVENTION: DERIVED FROM M. TUBERCULOSIS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR FILING DATE: 1999-01-21 PRIOR APPLICATION NUMBER: 1281/98
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: 60/044,624
PRIOR FILING DATE: 1997-04-18
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PRIOR APPLICATION NUMBER: 1277/97
PRIOR FILING DATE: 1997-11-10
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CURRENT APPLICATION NUMBER: US/10/755,415
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR FILING DATE: 1998-01-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA ORGANISM: Mycobacterium tuberculosis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: 60/070,488
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 1890
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: 10/138,473
                                                                                                                                                                                                                                                                                                                                                                                                                                                   138 GGGGGAGAGTGGCGCTGATGACCTGCGCCGACGACGACGAGGAGCGTAGCGATGAGGAGG 197
                                                                                                                                                                                                                                                                                                                                                                               198 AGTGGCGC 205
                                                                                                                                                                                                                                                                                                                                   69
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Similarity
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WELDINGH, Karin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 47.2; DB 7;
Pred. No. 0.00013;
no. Mismatches 13;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 1890;
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GENERAL INFORMATION:

GENERAL INFORMATION: Identification and Mapping of Single
TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
FILE REFERENCE: 108827.135
CURRENT APPLICATION NUMBER: US/09/925,065A
CURRENT FILING DATE: 2001-08-08
PRIOR APPLICATION NUMBER: US 60/243,096
PRIOR APPLICATION NUMBER: US 60/252,147
PRIOR APPLICATION NUMBER: US 60/252,147
PRIOR FILING DATE: 2000-11-20
PRIOR FILING DATE: 2000-11-20
PRIOR APPLICATION NUMBER: US 60/250,092
PRIOR APPLICATION NUMBER: US 60/250,092
PRIOR APPLICATION NUMBER: US 60/261,766
PRIOR APPLICATION N
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; SEQ ID NO 137
; LENGTH: 471
; TYPE: DNA
; ORGANISM: Mycobacterium tuberculosis
US-10-755-415-137
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 15
US-09-925-065A-506108/c
; Sequence 506108, Application US/09925065A
; Publication No. US20050228172A9
Search completed: January 12, 2006, 05:22:03 Job time : 829 secs
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Best Local Similarity 66.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 21.3%;
Best Local Similarity 54.3%;
Matches 89; Conservative
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TYPE: DNA
ORGANISM: Homo sapiens
09-925-065A-506108
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PRIOR APPLICATION NUMBER: 10/727,989
PRIOR FILING DATE: 2003-12-05
NUMBER OF SEQ ID NOS: 373
                                                                                                                                              364
                                                                                                                                                                                                              126 CCACCCGCTTGCGGGGGAGAGTGGCGCTGATGACCTGCGCCGAC 169
                                                                                                                                                                                                                                                                                                                                                                                                                                       484 CTGCGACGGCGGCAGTGCGGCGGCGGCGCGCGGGGGGGCGTTCCCGTGCGTCCGGGAG
                                                                                                                                                                                                                                                                                         424 GCAGTGGCCGAGAAGCCCGCGGCTGCCGGCCTGCCGGTCTTTCCAAGGCTCCGGCTGTG
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                                                                                                                                                                                                                                                                                                                                                            66 AGAGTGGCGCTGATGACCTGCGCCGACGACGACGATGCAGCGTAGCGATGAGGTGGGGGCA 125
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           6 CTGCGCCGACGACGATGCAGAGCGTAGCGATGAGGTGGGGGCACCACCCGCTTGCGGGGG
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                                                                                                                                              CCGCCCTCTGCCGCGGGCGAGGCGGGGCGCCAGGGCTGAACGGAC
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Pred. No. 0.00018;
0; Mismatches 35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              <u>,</u>
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Page 1
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Result
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Maximum Match 100%
Listing first 45 summaries
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Perfect score:
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Maximum DB
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                                                                                                                  Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             seq length: 0 seq length: 2000000000
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1: /cgn2_6/ptodata/1/pubpna/US08_NEW_PUB.seq:*

2: /cgn2_6/ptodata/1/pubpna/US08_NEW_PUB.seq:*

3: /cgn2_6/ptodata/1/pubpna/US07_NEW_PUB.seq:*

4: /cgn2_6/ptodata/1/pubpna/PCT_NEW_PUB.seq:*

5: /cgn2_6/ptodata/1/pubpna/US10_NEW_PUB.seq:*

6: /cgn2_6/ptodata/1/pubpna/US10_NEW_PUB.seq:*

7: /cgn2_6/ptodata/1/pubpna/US11_NEW_PUB.seq:*

8: /cgn2_6/ptodata/1/pubpna/US11_NEW_PUB.seq:*

9: /cgn2_6/ptodata/1/pubpna/US11_NEW_PUB.seq:*

10: /cgn2_6/ptodata/1/pubpna/US10_NEW_PUB.seq:*
Query
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Gapop 10.0 , Gapext 1.0
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207
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            January 12, 2006, 03:29:14; Search time 1107 Seconds (without alignments) 151.342 Million cell updates/sec
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Copyright (c) 1993 - 2006 Compugen Ltd.
                                                                        SUMMARIES
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34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.4	35	35.8	35.8	36.6	36.6	36.6	36.6	36.6	36.6	39.6	41.8	Score
16.5 1080000	16.5 1080000	16.5 1080000	16.5 1080000	16.5 1080000	16.5 1080000	16.5 1080000	16.5 1080000	16.5 171162	16.5 90572	16.5 17770	16.6 241805	16.9 188056	17.3 98862	17.3 43103	17.7 158410	17.7 406	17.7 376	. 7 2	17.7 234	17.7 173	19.1 3370	20.2 647	Match Length
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US-10-928-446A-193	US-10-928-446A-191	US-10-928-446A-189	US-10-928-446A-187	US-10-928-446A-185	US-10-928-446A-183	US-10-928-446A-181	US-10-928-446A-1	US-11-112-908-38	US-11-124-368A-2900	US-11-124-368A-2874	US-10-995-561-13215	US-11-120-925-1	US-11-121-086-76	US-10-995-561-13346	US-11-121-086-46	US-10-802-796-521	US-10-802-796-635	US-10-802-796-586	US-10-802-796-597	US-10-802-796-526	US-10-972-053-3	US-11-181-587-25	ID
Sequence 193, App		Sequence 189, App	Sequence 187, App	Sequence 185, App	Sequence 183, App	Sequence 181, App	Sequence 1, Appli	Sequence 38, Appl	Sequence 2900, Ap	Sequence 2874, Ap	Sequence 13215, A	Sequence 1, Appli	Sequence 76, Appl	Sequence 13346, A	Sequence 46, Appl	Sequence 521, App	Sequence 635, App	Sequence 586, App	Sequence 597, App	Sequence 526, App	Sequence 3, Appli	Sequence 25, Appl	Description

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382 GCGATGATCACTGGTTCGATGGTGATGACCTGGGGGGACCTCCCGCTTGCGGGGGACCTGC 323

88 CCGACGATGCAGAGCGTAGCGATGAGGTGGGGGGCACCACCCGCTTGCGGGGGAGAGT 147

442 TGGTGATGACCTGGGGGCACCTCCCGCTTGGGGGGGACTGCGCCCGGCTTCGCCGCGCTT 383

30 TAGCGATGAGGTGGGGGCACCACCCGCTTGCGGGGGAGAGTGGC--GCTGATGACCTGCG 87

밁 á

Matches

79; Conservative

0;

Mismatches

42;

Indels

2;

Gaps

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148 GGC 150

322 GCC 320

RESULT 2 US-10-972-053-3/c US-10-972-053-3/c ; Sequence 3, Application US/10972053 ; Publication No. US20050255489A1 ; GENERAL INFORMATION:

Berg	RESULT 1 US-11-18 Sequen Public GENERA APPLI APPLI APPLI APPLI APPLI CURRE CURRE CURRE CURRE NUMBE NUMBE SOPTU		0 00 0 0000 0 0000 0 0000 0 0000 0 0000 0
Query Match Best Local Si	US-11-181-587-25/c US-11-181-587-25/c IS Sequence 25, Application US/11181587 Publication No. US20050266492A1 I GERERAL INFORMATION: APPLICANT: Keim, Paul S. APPLICANT: Schupp, James M. TITLE OF INVENTION: High Resolution FILE REFERENCE: 112624.00085 DIV CURRENT APPLICATION NUMBER: US/11/1 CURRENT FILING DATE: 2005-07-13 I CURRENT FILING DATE: 2005-07-13 I PRIOR APPLICATION NUMBER: US 60/397 PRIOR FILING DATE: 2002-07-19 INUMBER OF SEQ ID NOS: 27 INUMBER OF SEQ ID NOS: 27 ISQ ID NO 25 LENGTH: 647 TYPE: DNA ORGANISM: Artificial Sequence FEATURE: OTHER INFORMATION: Mycobacterium turners of the second of the secon		5 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
Match Local Similarity	-25/c , Application US/111 , No. US20050266492A1 (ORMATION:		16.5 10 16.5 10 16.5 10 16.1 17 16.1 17 16.1 17 16.1 17 16.1 17 15.7 13 15.7 13 15.7 15 15.7 15 15.7 16 15.8 16 15.8 16
20.2%;	on US/11 0266492A S. S. Robert igh Reso UMBER: US 2005-07 BER: US 02-07-19 27 rsion 3. Sequenc		1080000   1080000   1080000   1080000   1080000   1080000   1080000   1080000   1080000   1080000   1080000   1080000   108000000   1080000   1080000   1080000   1080000   1080000   1080000   1080000   1080000   1080000   1080000   1080000   1080000   1080000   1080000   1080000   1080000   1080000   1080000   10800000   10800000   1080000   1080000   1080000   1080000   10800000   10800000   108000000   1080000000   1080000000   1080000000000
Score 41.8; DB 7; Pred. No. 0.061;	ULT 1 11-181-587-25/c 11-181-587-25	ALIGNMENTS	6 US-10-928-446A-195 6 US-10-928-446A-197 6 US-10-928-446A-201 US-10-802-796-567 US-11-112-908-65 US-11-112-908-65 US-10-955-561-13274 US-10-955-561-13274 US-10-1515-38-11 US-10-1515-38-11 US-11-121-086-7 US-11-121-086-7 US-11-121-086-7 US-11-121-086-7 US-11-121-086-3 US-11-121-086-3 US-11-121-086-3 US-11-121-086-14 US-10-750-623-34945 US-11-121-086-14 US-11-121-086-14 US-11-121-086-14 US-11-121-086-14 US-11-121-086-14 US-11-121-086-14 US-11-121-086-14 US-11-121-086-14 US-11-121-086-14
Length 647;	Pathogenic Mycobacterium Tubercı		Sequence 195, App Sequence 197, App Sequence 199, App Sequence 201, App Sequence 201, App Sequence 201, App Sequence 65, Appl Sequence 65, Appl Sequence 65, Appl Sequence 1374, A Sequence 11, Appl Sequence 11, Appl Sequence 17, Appl Sequence 17, Appl Sequence 17, Appl Sequence 17, Appl Sequence 184, Appl Sequence 34, Appli Sequence 34, Appli Sequence 34, Appli Sequence 34, Appli Sequence 13448, A Sequence 13448, A Sequence 14, Appl Sequence 14, Appl Sequence 1828, Ap Sequence 1828, Ap Sequence 1828, Ap Sequence 492, App

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; FEATURE:
; NAME/KEY: CDS
; LOCATION: (369)
US-10-972-053-3
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                                                                                                                                                 CURRENT APPLICATION NUMBER: US/10/802,796
CURRENT FILING DATE: 2004-03-18
PRIOR APPLICATION NUMBER: US/09/673,476
PRIOR FILING DATE: 2002-03-29
PRIOR APPLICATION NUMBER: PCT/IB99/00740
PRIOR FILING DATE: 1999-04-16
PRIOR APPLICATION NUMBER: 09/060,756
PRIOR APPLICATION NUMBER: 09/060,756
PRIOR FILING DATE: 1998-04-16
                                                     SOFTWARE: Pat
SEQ ID NO 526
LENGTH: 173
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Best Local Similarity
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SEQ ID NO 3
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APPLICANT: Kaneko, Mika
TITLE OF INVENTION: N-Acetylglucosaminyltransferase Vb Coding Sequences, 1
TITLE OF INVENTION: Cells and Methods
FILE REFERENCE: 49-02A
CURRENT APPLICATION NUMBER: US/10/972,053
CURRENT FILING DATE: 2004-10-22
PRIOR APPLICATION NUMBER: PCT/US03/091402
PRIOR FILING DATE: 2003-04-23
PRIOR FILING DATE: 2003-04-23
PRIOR APPLICATION NUMBER: US 60/375,172
PRIOR FILING DATE: 2002-04-23
PRIOR FILING DATE: 2002-04-23
                                                                                                                                                                                                                                                                                                                                     APPLICANT: CCLE, STEWART
APPLICANT: BUCHRIESER-BROSCH, ROLAND
APPLICANT: BUCHRIESER-BROSCH, ROLAND
APPLICANT: GORDON, STEPHEN
APPLICANT: BILLAULT, ALIAIN
TITLE OF INVENTION: A METHOD FOR ISOLATING A POLYNUCLEOTIDE OF INTEREST
TITLE OF INVENTION: FROM THE GENOME OF A MYCOBACTERIUM USING A BAC-BASED
TITLE OF INVENTION: DNA LLERARY. APPLICATION TO THE DETECTION OF
TITLE OF INVENTION: MYCOBACTERIA.
TITLE OF INVENTION: MYCOBACTERIA.
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                                                                                                                               NUMBER OF SEQ ID NOS: 743
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APPLICANT: Kamar, Maria
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TYPE: DNA
CCGANISM: Mus musculus
TYPE: DNA ORGANISM: Mycobacterium tuberculosis
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                167 AGAGCTTGGGGCCGGGCCTCTCTGCGTCTCCGGCCCTCCCCGATTCACATTTTGGGGAAG 108
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                                                                                                        PatentIn
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GCTTGCGGGGGAGAGTGGCGCTGATGACCTGCGCCGACGACGATGCAGAGCGTAGCGATG 191
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APPLICANT: GORDON, STEPHEN
APPLICANT: BILLAULT, ALAIN
TITLE OF INVENTION: A METHOD FOR ISOLATING A POLYNUCLECTIDE OF INTEREST
TITLE OF INVENTION: FROM THE GENOME OF A MYCOBACTERIUM USING A BAC-BASED
TITLE OF INVENTION: DNA LIBRARY. APPLICATION TO THE DETECTION OF
TITLE OF INVENTION: MYCOBACTERIA.
FILE REFERENCE; 05394.0011-00000
CURRENT FILING DATE: 2004-03-18
PRIOR APPLICATION NUMBER: US/10/802,796
CURRENT FILING DATE: 2002-03-29
PRIOR FILING DATE: 2002-03-29
PRIOR APPLICATION NUMBER: PCT/IB99/00740
PRIOR FILING DATE: 1999-04-16
PRIOR APPLICATION NUMBER: US/09/673,476
PRIOR APPLICATION NUMBER: D9/060,756
PRIOR FILING DATE: 1999-04-16
PRIOR APPLICATION NUMBER: D9/060,756
PRIOR FILING DATE: 1998-04-16
PRIOR APPLICATION NUMBER: D9/060,756
PRIOR FILING DATE: 1998-04-16
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US-10-802-796-597/c
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CURRENT APPLICATION NUMBER: US/10/802,796
CURRENT FILING DATE: 2004-03-18
PRIOR APPLICATION NUMBER: US/09/673,476
PRIOR FILING DATE: 2002-03-29
PRIOR APPLICATION NUMBER: PCT/IB99/00740
PRIOR FILING DATE: 1999-04-16
PRIOR APPLICATION NUMBER: 09/060,756
PRIOR APPLICATION NUMBER: 09/060,756
PRIOR FILING DATE: 1998-04-16
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APPLICANT: BUCHF
APPLICANT: GORDO
APPLICANT: BILL!
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                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: A METHOD FOR ISOLATING A POLYNUCLEOTIDE OF INTEREST TITLE OF INVENTION: FROM THE GENOME OF A MYCOBACTERIUM USING A BAC-BASED TITLE OF INVENTION: DNA LIBRARY, APPLICATION TO THE DETECTION OF TITLE OF INVENTION: MYCOBACTERIA.

FILE REFERENCE: 05394.0011-00000
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nes 39; Conserv
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Pred. No. 1.1;
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Pred. No. 1
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SOFTWARE: PatentIn Ver. SEQ ID NO 586 LENGTH: 241

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FILE REFERENCE: 05394.0011-00000
CURRENT APPLICATION NUMBER: US/10/802,796
CURRENT FILING DATE: 2004-03-18
PRIOR APPLICATION NUMBER: US/09/673,476
PRIOR FILING DATE: 2002-03-29
PRIOR FILING DATE: 2002-03-29
PRIOR FILING DATE: 1999-04-16
PRIOR FILING DATE: 1999-04-16
PRIOR APPLICATION NUMBER: 09/060,756
PRIOR FILING DATE: 1998-04-16
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Best Local Similarity
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APPLICANT: BILLAULT, ALAIN
TITLE OF INVENTION: A METHOD FOR ISOLATING A POLYNUCLBOTIDE OF INTEREST
TITLE OF INVENTION: FROM THE GENOME OF A MYCOBACTERIUM USING A BAC-BASED
TITLE OF INVENTION: DNA LIBRARY. APPLICATION TO THE DETECTION OF
MYCOBACTERIA.
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APPLICANT: COLE, STEWART
APPLICANT: BUCHRIESER-BROSCH, ROLAND
APPLICANT: BUCHRIESER-BROSCH, ROLAND
APPLICANT: GORDON, STEPHEN
APPLICANT: GORDON, STEPHEN
APPLICANT: BILLAULT, ALAIN
TITLE OF INVENTION: A METHOD FOR ISOLATING A POLYNUCLEOTIDE OF INTEREST
TITLE OF INVENTION: PROM THE GENOME OF A MYCOBACTERIUM USING A BAC-BASED
TITLE OF INVENTION: MYCOBACTERIA.
FILE OF INVENTION: MYCOBACTERIA.
FILE REFERENCE: 05394,0011-00000
CURRENT APPLICATION NUMBER: US/10/802,796
CURRENT FILING DATE: 2004-03-18
PRIOR APPLICATION NUMBER: US/9/673,476
PRIOR FILING DATE: 2002-03-29
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APPLICANT: BUCHI
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TYPE: DNA
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Pred. No. 1.1;
0; Mismatches
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Pred. No. 1.1;
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Publication No. US20050266459A1
GENERAL INFORMATION:
APPLICANT: POULSEN, TIM S.
APPLICANT: NIELSEN, KIRSTEN V.
TITLE OF INVENTION: NUCLEIC ACID PROBES AND NUCLEIC ACID ANALOG PROBES
FILE REFERENCE: 09138.6000-00000
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PRIOR FILING DATE: 1999-04-16
PRIOR APPLICATION NUMBER: 09/060,756
PRIOR FILING DATE: 1998-04-16
NUMBER OF SEQ ID NOS: 743
SOFTWARE: PatentIn Ver. 2.2
SEQ ID NO 521
            Sequence 13346, Application US/10995561
publication No. US20050272054A1
GENERAL INFORMATION:
APPLICANT: CARGILL, Michele et al.
TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: CARDIOVASCULAR DISORDERS AND DRUG RESPONSE, METHODS
TITLE OF INVENTION: DETECTION AND USES THEREOF
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CURRENT FILING DATE: 2005-05-04
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PRIOR APPLICATION NUMBER: 60/567,570
PRIOR FILING DATE: 2004-05-04
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FILE REFERENCE: CL001559
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RESULT 10
US-11-121-086-76
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US-10-995-561-13346
 Sequence 1, Application US/11120925
Publication No. US20060003354A1
GENERAL INFORMATION:
APPLICANT: Krantz, Ian D.
APPLICANT: Jackson, Laird G.
TITLE OF INVENTION: Methods and Cor
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CURRENT FILING DATE: 2004-11-24
NUMBER OF SEQ ID NOS: 85702
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 13346
LENGTH: 43103
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Best Local (
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Best Local (
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APPLICANT: NIELSEN, KIRSTEN V.
TITLE OF INVENTION: NUCLEIC ACID PROBES AND
FILE REFERENCE: 09138 6000-00000
CURRENT APPLICATION NUMBER: US/11/121,086
CURRENT FILING DATE: 2005-05-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: 60/567,570 PRIOR FILING DATE: 2004-05-04 NUMBER OF SEQ ID NOS: 107
                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 98862
TYPE: DNA
ORGANISM: Homo sapiens
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                                                                                                                                                                                                                                                                                                         CCGCCCCGTCCGGGAGGTGAGGGGCGCCCTCTGCCCGGCCCCCCTACTGGGAAGTGAGGA
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                                                                                                                                                                                                       CGACGATGCAGAGCGTAGCGATGAGGAGGAGTGGCGCTG 207
                                                                                                                                                                       CGGCCAGCCGCCCCGTCCGGGAGGTGAGGGGCGCCTCTG
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51.6%;
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Pred. No. 1.2;
0; Mismatches
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Compositions
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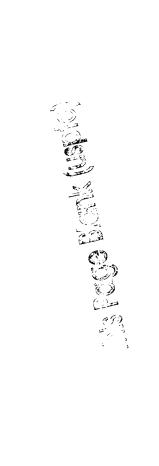
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                                                                                                                                                                                                             US-10-995-561-13215
                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: CARGILL, Michele et al.
TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: CARDIOVASCULAR DISORDERS AND DRUG RE:
TITLE OF INVENTION: DETECTION AND USES THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQ ID NOS: 120
SOFTWARE: FRATSEQ for Windows Version 3.0
SEQ ID NO 1
LENGTH: 188056
                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQ ID NOS: 85702
SOFTWARE: FASTSEQ for Windows Version
SEQ ID NO 13215
LENGTH: 241805
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                                                                                                                                         Matches
                                                                                                                                                       Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                  FILE REFERENCE: CL001559
CURRENT APPLICATION NUMBER: US/10/995,561
CURRENT FILING DATE: 2004-11-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: Diagnosis of Cornelia FILE REFERENCE: 3460-CHOP.0235US CURRENT APPLICATION NUMBER: US.11/120,925 CURRENT FILLING DATE: 2005-05-03 PRIOR APPLICATION NUMBER: US 60/567,756 PRIOR FILING DATE: 2004-05-03
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ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                        NAME/KEY: misc_feature
LOCATION: (1)...(241805
OTHER INFORMATION: n =
                                                                                                                                                                                                                                                                                ORGANISM: Homo sapiens FEATURE:
                                                                                                                                                                                                                                                                                                               TYPE: DNA
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                                                                                                                                       95;
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GGGGCGCCTCTGCCCAGCCGCCCCTACTGGGAAGTGAGGAGCCCCTCTGCCGGGCCAGCC 41079
                                GTGGCGCTGATGACCTGCGCCGACGACGACGATGCAGAGCGTAGCGATGAGGTGGGGGGCACCA 128
                                                                      CGTCTGGGAGGGAGGTTGGGGTCAGCCCCCCCCCCGCCCAGCCGCCCCATCCGGGAGGTGA
                                                                                                     CGCCGACGACGATGCAGAGCGTAGCGATGAGGTGGGGGCACCACCCGCTTGCGGGGAGA
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                                                                                                                                       Score 34.4; DI
Pred. No. 2.5;
0; Mismatches
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11-124-368A-2874/c
US-11-124-368A-2874/c
; Sequence 2874, Application US/11124368A
. mhlication No. US20050287559A1
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SEQ ID NO 2900
LENGTH: 90572
TYPE: DNA
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APPLICANT: Michele Cargill
APPLICANT: James J. Devlin
APPLICANT: May Luke
                                                                                                                                                                                                                                                                                                                                                                               Sequence 2900, Application US/11124368A Publication No. US20050287559A1
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LENGTH: 17770
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                                                                             TITLE OF INVENTION: Genetic Polymorphisms Associated with
TITLE OF INVENTION: Vascular Diseases, Methods of Detection and
FILE REFERENCE: CLOO1524
CURRENT FILING DATE: 2005-05-09
PRIOR APPLICATION NUMBER: US/11/124,368A
CURRENT FILING DATE: 2005-05-09
PRIOR APPLICATION NUMBER: US 60/568,845
PRIOR FILING DATE: 2004-05-07
PRIOR PILING DATE: 2004-11-09
PRIOR FILING DATE: 2004-11-09
RUMBER OF SEO ID NOS: 21112
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Michele Cargill
APPLICANT: James J. Devlin
APPLICANT: May Luke
TITLE OF INVENTION: Genetic Polymorphisms Associated with
TITLE OF INVENTION: Vascular Diseases, Methods of Detective REFERENCE: CL001524
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: US 60/625,936
PRIOR FILING DATE: 2004-11-09
NUMBER OF SEQ ID NOS: 21112
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/11/124,368A CURRENT FILING DATE: 2005-05-09 PRIOR APPLICATION NUMBER: US 60/568,845 PRIOR FILING DATE: 2004-05-07
                                                                SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: FastSEQ for Windows Version 4.0
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Similarity 52.4%;
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Pred. No. 3.3;
0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/11/112,908
CURRENT FILING DATE: 2005-04-22
PRIOR APPLICATION NUMBER: US 60/564,758
PRIOR FILING DATE: 2004-04-23
PRIOR APPLICATION NUMBER: US 60/575,978
PRIOR FILING DATE: 2004-06-01
PRIOR APPLICATION NUMBER: US 60/631,702
PRIOR FILING DATE: 2004-11-30
PRIOR FILING DATE: 2004-11-30
PRIOR FILING DATE: 2004-11-30
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                                                                                                                                                                                                           Matches
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Harris, Cole
APPLICANT: Davis, Lisa M.
TITLE OF INVENTION: Breast Cancer Biomarkers
FILE REFERENCE: 04-164-US
                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: US 60/633,826
PRIOR FILING DATE: 2004-12-07
                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQ ID NOS: 511
                                                                                                                                                                                                                                                                                                                  TYPE: DNA
                                                                                                                                                                                                                                                                                                                                    LENGTH: 171162
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LOCATION: 33050, 33051, 33052, 33053, 33054,
LOCATION: 33059, 33060, 33061, 33062, 33063,
LOCATION: 33067, 33068, 33069
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                                                                   37854
                                                                                                                                     37794 CCGCCCCGTCCGGGAGGTGAGGGGCCCTCTGCCCCGGCCGCCCCTACTGGGAAGTGAGGA
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                                                                                                                                                                                                           81;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Similarity 75; Conserv
                                                                                                                                                                                                                                                                                                                                                                     PatentIn version 3.3
                                CGACGATGCAGAGCGTAGCGATGAGGAGGAGTGGCGCTG 207
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                                                                   CCACCCGCTTGCGGGGGAGAGTGGCGCTGATGACCTGCGCCGACGACGATGCAGAGCGTA
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                                                                                                  GCGATGAGGTGGGGGCACCACCCGCTTGCGGGGGAGAGTGGCGCTGATGACCTGCGCCGA 168
                                                                                                                                                                                                           Conservative
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Pred. No. 2.8;
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33064, 33065, 33066,
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Search completed: January 12, 2006, 05:40:34



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Result
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length: 2000000000
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84.2
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Match Length DB
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         Issued_Patents_NA:*
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/cgn2_6/ptodata/1/ina/6A_COMB.seq:*
/cgn2_6/ptodata/1/ina/6A_COMB.seq:*
/cgn2_6/ptodata/1/ina/H_COMB.seq:*
/cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*
/cgn2_6/ptodata/1/ina/PCTUS_SOMB.seq:*
/cgn2_6/ptodata/1/ina/RE_COMB.seq:*
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US-09-050-739-71

US-09-050-739-71

US-09-072-596-276

US-09-072-596-276

US-09-072-967-276

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US-10-199-002-271

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US-09-070-314-526

US-09-670-314-597

US-09-670-314-597

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Sequence 2, Appli
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Sequence 526, Appl
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24.2	24.2	24.2	24.2	24.2	24.4	24.4	24.4	24.4	25.6	27.8	29.8	29.8	30.8	31.4	31.4	31.8	33.4	33.4	34.4	36.2
45.7	45.7	45.7	45.7	45.7	46.0	46.0	46.0	46.0	48.3	52.5	56.2	56.2	58.1	59.2	59.2	60.0	63.0	63.0	64.9	68.3
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US-09-949-016-13533	US-09-949-016-12309	US-09-949-016-567	US-09-949-016-1791	US-09-657-013-40	US-09-902-540-695	US-09-902-540-7321	US-09-270-767-17237	US-09-270-767-1955	US-08-311-731A-133	US-08-311-731A-123	US-09-670-314-266	US-09-060-756-266	US-08-311-731A-134	US-09-670-314-60	US-09-060-756-60	US-08-311-731A-138	US-09-670-314-567	US-09-060-756-567	US-08-311-731A-137	US-U8-311-/31A-124
Sequence 13533,	Sequence 12309, A	Sequence 567, App	Sequence 1791, Ap	Sequence 40, Appl	Sequence 695, App	Sequence 7321, Ap	Sequence 17237, A	Sequence 1955, A	Sequence 133, Ap	Sequence 123, App	Sequence 266, Ap	Sequence 266, Ap		Sequence 60, App		Sequence 138, Ap	Sequence 567, Ap	Seguence 567, Ap		

## ALIGNMENTS

```
APPLICANT: PLEISCHMAN, Robert D.
APPLICANT: WHITE, Owen R.
APPLICANT: WHITE, Owen R.
APPLICANT: VENTER, John C.
TITLE OF INVENTION: DNA SEQUENCES FOR STRAIN
TITLE OF INVENTION: TUBERCULOSIS
FILE REFERENCE: 24366-20007.00
CURRENT APPLICATION NUMBER: US/09/103,840A
CURRENT FILING DATE: 1998-06-24
NUMBER OF SEQ ID NOS: 2
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 2
             Sequence 2, Application US/09103840A
Patent No. 6294328
GENERAL INFORMATION:
APPLICANT: FLEISCHMAN, Robert D.
APPLICANT: WHITE, Owen R.
APPLICANT: FRASER, Claire M.
APPLICANT: FRASER, Claire M.
APPLICANT: WITTEN JOHN C.
TITLE OF INVENTION: DNA SEQUENCES FOR
TITLE OF INVENTION: TUBERCULOSIS
                                                                                                                                                                                                            RESULT 2
US-09-103-840A-2/c
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Best Local S
Matches 53
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FILE REFERENCE: 24366-20007.00
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OTHER INFORMATION: CDC 1551
OTHER INFORMATION: "n" bases at various
OTHER INFORMATION: represent a, t, c or
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TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                          53;
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                                         FOR STRAIN ANALYSIS IN MYCOBACTERIUM
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                              APPLICANT: WHITE, Owen R.
APPLICANT: FRASER, Claire M.
APPLICANT: VENTER, John C.
APPLICANT: VENTER, John C.
TITLE OF INVENTION: DNA SEQUENCES FOR STRAIN
TITLE OF INVENTION: TUBERCULOSIS
FILE REFERENCE: 24366-20007.00
CURRENT APPLICATION NUMBER: US/09/103,840A
CURRENT FILING DATE: 1998-06-24
NUMBER OF SEQ ID NOS: 2
SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-09-103-840A-1
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APPLICANT: FLEISCHMAN, Robert D.

APPLICANT: WHITE, Owen R.

APPLICANT: FRASER, Claire M.

APPLICANT: VENTER, John C.

TITLE OF INVENTION: DNA SEQUENCES FOR STRAIN ANALYSIS IN MYCOBACTERIUM TITLE OF INVENTION: TUBERCULOSIS
FILE REFERENCE: 24366-20007.00

CURRENT APPLICATION UNMERR: US/09/103,840A

CURRENT FILING DATE: 1998-06-24

NUMBER OF SEQ ID NOS: 2
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Matches
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LENGTH: 4403765
TYPE: DNA
                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: FLEISCHMAN, Robert D.
APPLICANT: WHITE, Owen R.
APPLICANT: FRASER, Claire M.
APPLICANT: VENTER, John C.
                                                                                                                                                                                                                                                                                             Sequence 1, Application US/09103840A Patent No. 6294328
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: PatentIn Ver. 2.1 SEQ ID NO 1
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                   SEQ ID NO
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CURRENT FILING DATE: 1998-06-24
NUMBER OF SEQ ID NOS: 2
SOFTWARE: Patentin Ver: 2.1
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TYPE: DNA
ORGANISM: Mycobacterium tuberculosis
OTHER INFORMATION: H37Rv
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OTHER INFORMATION: "n" bases at various positions throughout the sequence
OTHER INFORMATION: represent a, t, c or g
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LENGTH: 4411529
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les 47; Conservative
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47; Conserv
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ilarity 92.2%;
Conservative
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92.2%;
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Pred. No. 1.3e-05;
0; Mismatches 4;
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Pred. No. 1.3e-05;
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                                                                                                                                                                 FOR STRAIN ANALYSIS IN MYCOBACTERIUM
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; ORGANISM: Mycobacterium tuberculosis
; OTHER INFORMATION: H37Rv
US-09-103-840A-1
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                                                                                                 US-09-470-191-25/c
                  GENERAL INFORMATION:
APPLICANT: Skeiky,
APPLICANT: COTIXA
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Best Local Similarity
Matches 47; Conserv
                                                               Sequence 25, Application US/09470191 Patent No. 6465633
                                                                                                                                                                                                                                 Matches
                                                                                                                                                                                                                                                             Query Match
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APPLICANT: Skeiky, Yasir
APPLICANT: Corixa Corporation
TITLE OF INVENTION: Compositions and Methods of Their Use
                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: 415/543/5043
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                        REFERENCE/DOCKET NUMBER: 15
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415/543/9600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Stover, Charles K.
APPLICANT: Mahairas, Gregory G.
TITLE OF INVENTION: VIRULENCE-ATTENUATING GENETIC DELETIONS
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM PC COMPATIBLE OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: PATENTIN Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                              TOPOLOGY: 1: MOLECULE TYPE:
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ATTORNEY/AGENT INFORMATION:
NAME: Hunter, Tom
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MEDIUM TYPE: Floppy disk
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STATE: California
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                                                                                                                                                                                                                                                                                                                                                         TYPE: nucleic acid
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92.2%;
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Pred. No.
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Pred. No. 1.3e-05;
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ches 5;
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                                                                                                                                                                                                                                                               Length 16885;
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RESULT 8
US-08-311-731A-138/c
; Sequence 138, Application US/08311731A
; Patent No. 6583266
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SEQ ID NO 25
LENGTH: 263
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LENGTH: 1890
TYPE: DNA
ORGANISM: Mycobacterium tuberculosis
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CURRENT APPLICATION NUMBER: US/09/470,191
CURRENT FILING DATE: 1999-12-23
PRIOR APPLICATION NUMBER: US 60/113,952
PRIOR FILING DATE: 1998-12-24
NUMBER OF SEQ ID NOS: 97
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CURRENT FILING DATE: 1998-03-30
CHARLIER APPLICATION NUMBER: 0376/97
EARLIER FILING DATE: 1997-04-02
EARLIER APPLICATION NUMBER: 1277/97
EARLIER APPLICATION NUMBER: 60/044,624
EARLIER APPLICATION NUMBER: 60/044,624
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APPLICANT: WELDINGH, Karin
APPLICANT: FLORIO, Walter
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APPLICANT: RASMUSSEN, Peter Birk
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILE REFERENCE: 670001-2002.1
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NAME/KEY: modified base
LOCATION: (1)...(263)
OTHER INFORMATION: n = any nucleotide
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Local
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86.3%;
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Pred. No. 0.00019;
                                                                                                                                                                                                                                                                                                                                                                                                                             Score 39.8; DB 3; Pred. No. 0.00023; 0; Mismatches 7
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  DB 3; Length 1890;
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                                                                                                                                                                                                                                                                                        Sequence 24, Application US/08311731A Patent No. 6583266 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 73.2
Best Local Similarity 86.0
Matches 43; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO: 138: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGI.

MOLECULE TYPE: D
HYPOTHETICAL: NC
                                                                                                                                                        APPLICANT: SMITH, DOUGLAS
APPLICANT: MAO, JEN-I
APPLICANT: MAO, JEN-I
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES
TITLE OF INVENTION: RELATING TO MYCOBACTERIUM TUBERCULOSIS AND LAPRAE
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
NUMBER OF SEQUENCES: 411
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: SMITH, DOUGLAS
APPLICANT: MAO, JEN-1
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES
TITLE OF INVENTION: RELATING TO MYCOBACTERIUM TUBERCULOSIS AND LAPRAE
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORIGINAL SOURCE:
ORGANISM: Myc
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NAME: GATES, EDWARD R.
REGISTRATION NUMBER: 31,0
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: Patentin Release #1.0, Version CURRENT APPLICATION DATA:
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELECOMMUNICATION INFORMATION:
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MEDIUM TYPE: Floppy disk
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                                                                                                                          CORRESPONDENCE ADDRESS:
ADDRESSEE: WOLF, GREENFIELD & SACKS,
STREET: 600 ATLANTIC AVENUE
                                                                        STATE: N
COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PC
OPERATING SYSTEM:
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CLASSIFICATION:
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STATE: MASSA
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                                                         ZIP:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ENGTH:
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                                                         02210
                                                                                                              BOSTON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      nucleic acid
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                                                                                         MASSACHUSETTS
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617/720-2441
                                                                          USA
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SYSTEM: PC-DOS/MS-DOS
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86.0%;
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Pred. No. 0.0007;
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OPERATING SYSTEM:

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                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: FISH PC COMPATION
COMPATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
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APPLICANT:
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ANTI-SUSSE NO
ORIGINAL SOURCE:
ORGANISM: MYCOBACTERIUM LEPRAE
ATTORNEY/AGENT INFORMATION:
NAME: Waki, David J.
REGISTRATION NUMBER: 31,392
REFERENCE/DOCKET NUMBER: 210121.417C9
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
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LENGTH: 38494 base pai
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NAME: GATES, EDWARD R.
REGISTRATION NUMBER: 31,0
REFERENCE/DOCKET NUMBER:
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CURRENT APPLICATION DATA
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TELEPHONE: 617/720-3500
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TOPOLOGY: circular
                                                                                                               APPLICATION NUMBER: FILING DATE: 05-MA
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                                                                                                  CLASSIFICATION:
                                                                                                                                                                                                                                                             COUNTRY:
                                                                                                                                                                                                                                                                                                                           ADDRESSEE:
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T: Hendrickson, Ronald C.

INVENTION: COMPOUNDS AND METHODS FOR DIAGNOSIS OF
                                                                                                                                                                                                                                                                           Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Application US/09072596
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           38494 base pairs
                                                                                                                                                                                                                                                                                                            6300 Columbia Center, 701 Fifth Avenue
                                                                                                                                                                                                                                                                 USA
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                                                                                                                                                                                                                                                                                                                                                                                                                         Twardzik, Daniel R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Campos-Neto, Antonia
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Dillon, Davin C.
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                                                                                                                 05-MAY-1998
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   73.2%;
86.0%;
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n Release #1.0, Version #1.25
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                                                                                                                              US/09/072,596
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                                                                                                                                                                Version #1.30
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; TOPOLOGY: linear; MOLECULE TYPE: CDNA
US-09-072-596-271
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                                                              US-09-072-967-276
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Best Local Similarity
 Matches
             Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                             ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, VC
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: (206) 682-6031 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                      TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
                                                                                                                        SEQUENCE CHARACTERISTICS:
LENGTH: 571 base pairs
TYPE: nucleic acid
                                                                             MOLECULE TYPE:
                                                                                                                                                                                                      TELECOMMUNICATION INFORMATION: TELEPHONE: (206) 622-4900
                                                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
NAME: Maki, David J.
REGISTRATION NUMBER: 31,392
REFERENCE/DOCKET NUMBER: 210
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Hendrickson, Ronald C.
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR IMM
TITLE OF INVENTION: AND DIAGNOSIS OF TUBERCULOSIS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT:
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                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: FILING DATE: 05-MA'CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STATE: Washington
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 571 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CITY: Seattle
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE:
                                                                                                           STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY:
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43;
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Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Lodes, Michael J.
Hendrickson, Ronald C.
MENTION: COMPOUNDS AND
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Twardzik, Daniel R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Houghton, Raymond
Vedvick, Thomas S.
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Dillon, Davin C.
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                                                                                          linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEED and BERRY LLP
                                                                                                                                                                                                                                                                                                                    05-MAY-1998
                                                                                                           single
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82.7%;
              70.9%;
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Score 37.6; DB 3
Pred. No. 0.0011;
0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                    Version #1.30
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0;
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60 TGATCCGCGCCGGCGATGCAGAGCGCAGCGATGCTAAGGAGCGGCGCCG 9

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RESULT 13
US-10-084-843-276/c
; Sequence 276, Application US/10084843
; Patent No. 692710
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: Tinear

MOLECULE TYPE: CDNA

SEQUENCE DESCRIPTION: SEQ ID NO: 271:
US-10-193-002-271
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US-10-193-002-271/c
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                                                                                                                                                                                                                                                                               Matches
                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             REFERENCE/DOCKET NUMBER: 210121.417C9
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 271:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/10/193,002

PILING DATE: 10-Jul-2002

CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION UNMBER: US/09/072,596
PILING DATE: 05-MAY-1998
ATTORNEY/AGENT INFORMATION:
NAME: MAKi, David J.
REGISTRATION NUMBER: 31,392
PREPERENCY/DOVET NUMBER: 31,392
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOPTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Houghton, Raymond
Vedvick, Thomas S.
Twardzik, Daniel R.
Lodes, Michael J.
Hendrickson, Ronald C.
Hendrickson, Ronald C.
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR DIAGNOSIS OF
APPLICANT: Reed, Steven G. Skeiky, Yasir A.W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES: 350
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Reed, Steven G.
                                                                                                                                                                                                                                                                               43;
                                                                                                                                                                                             60 TGATCCGCGCCGGCGACGATGCAGAGCGCGATGCTAAGGAGCGGCGCCCG 9
                                                                                                                                                                                                                            2 TGACCTGCGCCGACGACGATGCAGAGCGTAGCGATGAGGAGGAGGAGTGGCGCTG 53
                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 571 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZIP: 98104-7092
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STATE: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: Seattle
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STREET: 6300 Columbia Center,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: SEED and BERRY LLP
                                                                                                                                                                                                                                                                             Conservative
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Dillon, Davin C.
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82.7%;
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                                                                                                                                                                                                                                                                               9; Indels
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; MOLECULE TYPE: cDNA; SEQUENCE DESCRIPTION: SEQ ID NO: 276: US-10-084-843-276
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                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US/09/072,967
FILING DATE: 05-MAY-1998
ATTORNEY/AGERT INFORMATION:
NAME: MAK!, DAVId J.
REGISTRATION NUMBER: 31,392
REFERENCE/DOCKET NUMBER: 210121.4110
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEPHONE: (206) 622-690
TELEPAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 276:
SEQUENCE CHARACTERISTICS:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                         Sequence 128, Application US/08311731A Patent No. 6583266 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
                                                                                            APPLICANT: SMITH, DOUGLAS
APPLICANT: SMITH, DOUGLAS
TITLE OF INVENTION: MUCLEIC ACID AND AMINO ACID SEQUENCES
TITLE OF INVENTION: RELATING TO MYCOBACTERIUM TUBERCULOSIS AND LAPRAE FOR
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
NUMBER OF SEQUENCES: 411
CORRESPONDENCES: 411
CORRESPONDENCE ADDRESS: WOLF, GREENFIELD & SACKS, P.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Vei
CURRENT APPLICATION DATA:
APPLICATION UNMBER: US/10/084,843
FILING DATE: 25-Feb-2002
CLASSIFICATION: CURKNOWN>
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
COUNTRY: USA
ZIP: 02210
                                               STATE: MASSACHUSETTS
                                                                          CITY: BOSTON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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TITLE OF INVENTION: COMPOUNDS AND METHODS FOR IMMUNOTHERAPY
AND DIAGNOSIS OF TUBERCULOSIS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
ADDRESSEE: SEED and BERRY LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   60 TGATCCGCGCCGGCGACGATGCAGAGCGCAGCGATGCTAAGGAGCGGCGCCCG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 43;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: Seattle
STATE: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ZIP: 98104-7092
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 571 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               70.9%; Score 37.6; DB 3 82.7%; Pred. No. 0.0011; tive 0; Mismatches
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APPLICANT: Cole, Stewart
APPLICANT: Gole, Stewart
APPLICANT: Buchrieser-Brosch, Roland
APPLICANT: Billault, Alain
APPLICANT: Billault, Alain
ITILE OF INVENTION: METHOD FOR ISOLATING A POLYNUCLEOTIDE OF INTEREST FROM
ITILE OF INVENTION: LIBRARY APPLICATION TO THE DETECTION OF MYCOBACTERIA
ITILE OF INVENTION ULBRARY APPLICATION TO THE DETECTION OF MYCOBACTERIA
ITILE OF INVENTION UNMBER: US/09/060,756
CURRENT APPLICATION NUMBER: US/09/060,756
CURRENT FILING DATE: 1998-04-16
NUMBER OF SEQ ID MOS: 743
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 526
LENGTH: 173
TYPE: DNA
ORGANISM: Mycobacterium tuberculosis
US-09-060-756-526
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 42988 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: circular
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
OCRANISM: MYCOBACTERIUM LEPRAE
US-08-311-731A-128
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 15
US-09-060-756-526/c
; Sequence 526, Application US/09060756
; Patent No. 6183957
; Patent TON.
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Search completed: January 11, 2006, 18:36:51 Job time : 106.838 secs
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Best Local Similarity
Matches 39; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/311,731A
FILING DATE:
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: GATES, EDWARD R.
REGISTRATION NUMBER: 31,616
REFERENCE/DOCKET NUMBER: C0044/7125
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEPHONE: 617/720-3500
TELEPAX: 617/720-2441
INFORMATION FOR SEQ ID NO: 128:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           5579 GCGCCGGCGACGATGCAGAGCGAAGCGATGCGGAGGAGTGGTGC 5536
                                                                                                                                   9 CGCCGACGACGATGCAGAGCGTAGCGATGAGGAGGAGGAGTGGCGC 51
                                                                                                                                                                                                         39; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        8 GCGCCGACGATGCAGAGCGTAGCGATGAGGAGGAGGAGTGGCGC 51
                                                                                                      CGCCGGCGACGATGCCGAGCGAGCGATGAGGAGGAGCGGCGC 34
                                                                                                                                                                                                    69.1%; Score 36.6; DB 3; Length 173; 90.7%; Pred. No. 0.0021; tive 0; Mismatches 4; Indels
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Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
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Perfect score:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Searched:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Run on:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Scoring table:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                           DB
DB
                                                                                                                                                                                                                                                                                                                                                                                                                                        seq length: 0
seq length: 2000000000
Published_Applications_NA_Main:*

1: /cgn2_6/ptodata1/1/pubpna/US07_PUBCOMB.seq:*

2: /cgn2_6/ptodata1/1/pubpna/US08_PUBCOMB.seq:*

3: /cgn2_6/ptodata1/1/pubpna/US09A_PUBCOMB.seq:*

4: /cgn2_6/ptodata1/1/pubpna/US09A_PUBCOMB.seq:*

5: /cgn2_6/ptodata1/1/pubpna/US10B_PUBCOMB.seq:*

6: /cgn2_6/ptodata1/1/pubpna/US10B_PUBCOMB.seq:*

7: /cgn2_6/ptodata1/1/pubpna/US10B_PUBCOMB.seq:*

9: /cgn2_6/ptodata1/1/pubpna/US10B_PUBCOMB.seq:*

9: /cgn2_6/ptodata1/1/pubpna/US10B_PUBCOMB.seq:*

10: /cgn2_6/ptodata1/1/pubpna/US10B_PUBCOMB.seq:*
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    January 11, 2006, 18:14:10 ; Search time 423.592 Seconds (without alignments) 1034.667 Million cell updates/sec
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53
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

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57.7	59.2	2.0						69.1	70.9	70.9	70.9	70.9	75.1	75.1	75.1	78.9	78.9	78.9	78.9	79.2	79.2	100.0	Match	*
978	448	174 174	956	406	376	241	234	173	571	571	571	571	1890	1890	1890	86114	86114	86114	77	31808	13773	53	Match Length	
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US-10-282-122A-28344			IIG-10-282-1228-26008	115-10-259-678-521	US-10-259-678-635	US-10-259-678-586	US-10-259-678-597	US-10-259-678-526	US-11-082-005-271	US-11-028-898-276	US-10-084-843-276	US-10-193-002-271	US-10-620-246-71	US-09-804-980-71	US-09-791-171-71	US-10-468-356-648	US-10-080-170-648	US-10-080-170-648	US-10-086-206-1	US-10-510-021-1	US-10-510-021-2	US-10-086-206-2	ID	
283	Sequence 60, Appl	7 6 7 6			Sequence 635, App	Sequence 586, App	Sequence 597, App	>	Sequence 271, App	Sequence 276, App	Sequence 276, App	Sequence 271, App	Sequence 71, Appl	Sequence 71, Appl	Sequence 71, Appl		Sequence 648, App	Sequence 648, App	Sequence 1, Appli	•	Sequence 2, Appli	Sequence 2, Appli	Description	

GENERAL INFORMATION:
APPLICANT: Cole, Stewart
APPLICANT: Pym, Alexander S
APPLICANT: Brosch, Roland
APPLICANT: Brodin, Priscille
APPLICANT: Majlessi, Laleh

RESULT 2 US-10-510-021-2

Sequence 2, Application US/10510021 Publication No. US20050220811A1

25 29.6 55.8 1141 7 US-10-424-599-25530 26 29 54.7 1043 7 US-10-437-963-94475 27 29 54.7 1146 6 US-10-259-165-237 28 28 52.8 52 6 US-10-086-206-3 29 28 52.8 1326 7 US-10-282-122A-26639 30 27.6 52.1 9975 8 US-10-481-265-96 31 27.6 52.1 9975 8 US-10-445-9628-4 32 27.6 52.1 49600 7 US-10-459-262A-4 33 27.6 52.1 69300 7 US-10-459-262A-4 34 26.6 50.2 828 8 US-10-425-115-38696 35 26.6 50.2 857 8 US-10-425-115-38696 36 26.6 50.2 857 8 US-10-425-115-94768 38 26.6 50.2 857 8 US-10-425-115-94768 39 26 49.1 813 7 US-10-425-115-94768 39 26 49.1 813 7 US-10-425-115-24667 40 26 49.1 1011 8 US-10-425-115-24667 41 26 49.1 1011 8 US-10-425-115-24667 41 26 49.1 1014 8 US-10-425-115-24667 42 25.8 48.7 285 8 US-10-425-115-24661 43 25.8 48.7 532 8 US-10-425-115-24661 44 25.8 48.7 532 8 US-10-425-115-115-115-115-115-115-115-115-115-1	Ω	ი	Ω	a	Ω	ი	Q		ი	ი	O	Ω							ი		
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7 US-10-424-599-25530 7 US-10-437-963-9475 6 US-10-259-165-237 6 US-10-282-122A-27849 7 US-10-282-122A-2639 8 US-10-481-265-96 7 US-10-481-265-96 8 US-10-425-115-3869 8 US-10-425-115-3869 8 US-10-425-115-3869 8 US-10-425-115-3869 9 US-10-425-115-3869 9 US-10-425-115-3869 9 US-10-425-115-3869 9 US-10-425-115-34667 7 US-10-437-963-25767 7 US-10-437-963-25767 9 US-10-437-963-25767 9 US-10-437-963-25767 9 US-10-437-963-25767 9 US-10-437-963-25767 9 US-10-437-963-25769 9 US-10-425-115-24661 9 US-10-425-115-34619 9 US-10-425-115-34659 9 US-10-425-115-34659 9 US-10-425-115-3450	662	532	285	1904	1635	1011	877	813	672	1518	857	828	69300	49600	975	975	1326	52	1146	1043	1141
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	63450, A	146179,	74829, A	24661, A	25769, A	24667, A	25767, A	25772, A	94768, A	38699, A	38696, A	38697, A	6, Appli	4, Appli	96, Appl	26639, A	27849, A	3, Appli	237, App	94475, A	25530, A

## ALIGNMENTS

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APPLICANT: Supply, P
APPLICANT: Supply, P
APPLICANT: LOCAT, C
TITLE OF INVENTION: M. TUBERCULOSIS COMPLEX MEMBERS MYCOBACTERIA SPECIFIC
TITLE OF INVENTION: DETECTION AND THEIR APPLICATIONS FOR THE
TITLE OF INVENTION: DETECTION AND THEIR APPLICATIONS FOR THE
TITLE OF INVENTION: COMPLEX MEMBERS
TITLE OF INVENTION NUMBER: US/10/086,206
CURRENT APPLICATION NUMBER: US/10/086,206
CURRENT FILING DATE: 1907-08-12
PRIOR APPLICATION NUMBER: PCT/FR97/01483
PRIOR APPLICATION NUMBER: PS 96/10277
PRIOR APPLICATION NUMBER: FR 96/10277
PRIOR APPLICATION NUMBER: PS 96/10277
PRIOR APPLICATION NUMBER: PS 96/10277
PRIOR PRIOR APPLICATION NUMBER: PS 96/10277
PRIOR FILING DATE: 1996-08-19
SEQ ID NO 2
LENGTH: 53
TYPE: DATE: 53
                                                                                                                                                                                                                   ; TYPE: DNA ; ORGANISM: Mycobacterium tuberculosis US-10-086-206-2
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                                                                                                            Matches
                                                                                                                                Query Match
Best Local
                            1 ATGACCTGCGCCGACGACGATGCAGAGCGTAGCGATGAGGAGGAGTGGCGCTG 53
                                                                                                         53;
                                                                                                                                   Similarity
ATGACCTGCGCCGACGACGATGCAGAGCGTAGCGATGAGGAGGAGTGGCGCTG
                                                                                                       100.0%; Score 53; DB 6; ilarity 100.0%; Pred. No. 3.6e-09; Conservative 0; Mismatches 0;
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53
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US-10-510-021-2
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SEQ ID NO 2
LENGTH: 13773
                                                                                   Matches
                                                                                                                                                                                                                                                                                          SOFTWARE: PatentIn Ver.
SEQ ID NO 1
LENGTH: 31808
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APPLICANT: Pym, )
APPLICANT: Brosci
APPLICANT: Brodii
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                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: PCT/IB03/01789
PRIOR FILING DATE: 2003-04-01
PRIOR APPLICATION NUMBER: EP 02/290864
PRIOR FILING DATE: 2002-04-05
NUMBER OF SEQ ID NOS: 75
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Brodin, Roland
APPLICANT: Brodin, Priscille
APPLICANT: Majlessi, Laleh
APPLICANT: Demangel, Caroline
APPLICANT: Leclerc, Claude
TITLE OF INVENTION: Identification of virulence associated regions RD1 and
TITLE OF INVENTION: microti
TITLE OF INVENTION: microti
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CURRENT FILLING DATE: 2004-10-01
PRIOR APPLICATION NUMBER: PCT/IB03/01789
PRIOR FILING DATE: 2003-04-01
PRIOR APPLICATION NUMBER: EP 02/290864
PRIOR APPLICATION NUMBER: EP 02/290864
PRIOR FILING DATE: 2002-04-05
NUMBER OF SEQ ID NOS: 75
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/10/510,021
CURRENT FILING DATE: 2004-10-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Demangel, Caroline
APPLICANT: Leclerc, Claude
TITLE OF INVENTION: Identification of virulence associated regions RD1 and
TITLE OF INVENTION: RD5 leading to improve vaccine of M. bovis BCG and M.
TITLE OF INVENTION: microti
FILE REFERENCE: D20217
                                                                                                                                                                                                                                          ORGANISM: Mycobacterium tuberculosis
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                                                                                                                                                                                                                                                                           TYPE: DNA
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                                                                                                         Local Similarity
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TGACCCGCGCCGCCGACGATGCAAAGCGCCAGCGATGAGGAGGAGCGGCGC 11963
                     TGACCTGCGCCGACGACGATGCAGAGCGTAGCGATGAGGAGGAGTGGCGC 51
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90.0%;
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                                                                                                    Score 42; DB 9;
Pred. No. 1.9e-05;
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Pred. No.
                                                                                   Mismatches
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                                                                                                                                               US-10-080-170-648
                                                                                                                                                            SEQ ID NO 648
LENGTH: 86114
TYPE: DNA
ORGANISM: Mycobacterium tuberculosis
                                                                                                                                                                                                                                                                                                                                                                                                                                         Publication No. US20
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: FR 96/10277
PRIOR FILING DATE: 1996-08-19
NUMBER OF SEQ ID NOS: 11
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 1
LENGTH: 77
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 1, Application US/10086206
Publication No. US20030124546A1
GENERAL INFORMATION:
                                                                        Matches
                                                                                                          Query Match
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APPLICANT: Supply, P
APPLICANT: Supply, P
APPLICANT: Supply, P
APPLICANT: Locht, C
TITLE OF INVENTION: M. TUBERCULOSIS COMPLEX MEMBERS MYCOBACTERIA SPECIFIC
TITLE OF INVENTION: DETECTION AND DIFFERENTIAL DIAGNOSIS OF M. TUBERCULOSIS
TITLE OF INVENTION: COMPLEX MEMBERS
FILE REFERENCE: 408.014
                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/10/080,170
CURRENT FILING DATE: 2002-06-10
PRIOR APPLICATION NUMBER: 60/270,123
PRIOR FILING DATE: 2001-02-22
NUMBER OF SEQ ID NOS: 652
SOFTWARE: Patentin Ver: 2.1
                                                                                                                                                                                                                                                                                                                                               APPLICANT: COLE, S.T.
TITLE OF INVENTION: COMPARATIVE MYCOBACTERIAL GENOMICS AS A TOOL FOR TITLE OF INVENTION: IDENTIFYING TARGETS FOR THE DIAGNOSIS, PROPHYLAJ TITLE OF INVENTION: TREATMENT OF MYCOBACTERIOSES
FILE REFERENCE: 03495.0218
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/10/086,206
CURRENT FILING DATE: 2002-02-28
PRIOR APPLICATION NUMBER: PCT/F87/01483
PRIOR FILING DATE: 1997-08-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA ORGANISM: Mycobacterium tuberculosis
                                                                                         Local
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 67175
                                                                      43;
                                    1 ATGACCTGCGCCGACGACGATGCAGAGCGTAGCGATGAGGAGGAG
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                                                                                         Similarity
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                                                                        Conservative
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95.6%;
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95.6%;
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                                                                                       Score 41.8; DB 6;
Pred. No. 2.2e-05;
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Pred. No. 3
                                                                        Mismatches
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RESULT 6 US-10-080-170-648

Sequence 648, Application US/10080170
Publication No. US20040121322A9
GENERAL INFORMATION:
APPLICANT: COLE, S.T.

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CURRENT APPLICATION NUMBER: US/10/468,356
CURRENT FILING DATE: 2003-08-19
PRIOR APPLICATION NUMBER: 10/080,170
PRIOR FILING DATE: 2002-02-22
PRIOR APPLICATION NUMBER: 60/270,123
PRIOR FILING DATE: 2001-02-22
PRIOR FILING DATE: 2001-02-22
NUMBER OF SEQ ID NOS: 655
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                                                                                                                                                                                                                                                                                                              US-09-791-171-71
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; ORGANISM: Mycobacterium tuberculosis
US-10-468-356-648
                                                                                                                                                                                                                                                                                                                                    RESULT 8
GENERAL INFORMATION:
APPLICANT: ANDERSEN, Peter
APPLICANT: OITISEN, Rikke
APPLICANT: OCTTINGER, Thomas
APPLICANT: RASMUSSEN, Peter Birk
APPLICANT: ROSENKRANDS, Ida
APPLICANT: WELDINGH, Karin
APPLICANT: WELDINGH, Karin
APPLICANT: FLORIO, Walter
TITLE OF INVENTION: NUCLEIC ACIDS FRAGMENTS AND POLYPEPTIDE FRAGMENTS
TITLE OF INVENTION: DERIVED FROM M. TUBERCULOSIS
FILE REFERENCE: 670001-2002.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 648, Application US/10468356
Publication No. US20040197896A1
GENERAL INFORMATION:
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LENGTH: 86114
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LENGTH: 86114
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                                                                                                                                                                                                                                                             Sequence 71, Application U
Patent No. US20020094336A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local :
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: COMPARATIVE MYCOBACTERIAL GENOMICS AS A TOOL FOR TITLE OF INVENTION: IDENTIFYING TRAGETS FOR THE DIAGNOSIS, PROPHYLAXIS OR TITLE OF INVENTION: TREATMENT OF MYCOBACTERIOSES FILE REFERENCE: 03495.0218

CURRENT APPLICATION NUMBER: US/10/080,170

CURRENT FILING DATE: 2002-06-10

PRIOR APPLICATION NUMBER: 60/270,123

PRIOR FILING DATE: 2001-02-22

NUMBER OF SEQ ID NOS: 652
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: COLE, STEWART
TITLE OF INVENTION: COMPARATIVE MYCOBACTERIAL GENEOMICS AS A
TITLE OF INVENTION: IDENTIFYING TARGETS FOR THE DIAGNOSIS, F
TITLE OF INVENTION: TREATMENT OF MYCOBACTERIOSES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: PatentIn Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: PatentIn Ver. 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Mycobacterium tuberculosis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                43;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 ATGACCTGCGCCGACGACGATGCAGAGCGTAGCGATGAGGAGGAG 45
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   n 78.9%;
Similarity 95.6%;
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                                                                                                                                                                                                                                                                                     Application US/09791171
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Pred. No. 2.2e-05;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 41.8; DB 8;
Pred. No. 2.2e-05;
0; Mismatches 2;
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; TYPE: DNA
; ORGANISM: Mycobacterium tuberculosis
US-09-791-171-71
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US-10-620-246-71
                                                                                                                                                                                    Sequence 71, Application US/10620246
Publication No. US20040115211A1
GENERAL INFORMATION:
APPLICANT: ANDERSEN, Peter
APPLICANT: NIELSEN, Rikke
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 71, Applica Publication No. US20 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: PatentIn Ver. 2.0 SEQ ID NO 71
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Matches
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Best Local Similarity 86.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Anderson, Peter TITLE OF INVENTION: M. Tuberculosis Antigens FILE REFERENCE: 670001-2002.4 CURRENT APPLICATION NUMBER: US/09/804,980 CURRENT FILING DATE: 2001-03-12 NUMBER OF SEQ ID NOS: 257
APPLICANT: OETTINGER, Thomas
APPLICANT: RASMUSSER, Peter Birk
APPLICANT: ROSENKRANDS, Ida
APPLICANT: WELDINGH, Karin
APPLICANT: FIORIO, Walter
TITLE OF INVENTION: NUCLEIC ACIDS FRAGMENTS AND POLYPEPTIDE FRAGMENTS
TITLE OF INVENTION: DERIVED FROM M. TUBERCULOSIS
FILE REFERENCE: 670001-2002.1A
CURRENT APPLICATION NUMBER: US/10/620,246
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: 1277/97
PRIOR FILING DATE: 1997-11-10
PRIOR APPLICATION NUMBER: 60/044,624
PRIOR FILING DATE: 1997-04-18
PRIOR PRIOR APPLICATION NUMBER: 60/070,488
PRIOR FILING DATE: 1998-01-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/09/791,171
CURRENT FILING DATE: 2001-02-20
PRIOR APPLICATION NUMBER: 09/050,739
PRIOR FILING DATE: 1998-03-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Statens Serum Intitut APPLICANT: Anderson, Peter
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: 0376/97 PRIOR FILING DATE: 1997-04-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS: 173
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: PatentIn version 3.0
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TYPE: DNA
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Local Similarity 86.3%;
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Pred. No. 0.00014;
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PRIOR APPLICATION NUMBER: 09/050,739
PRIOR FILING DATE: 1998-03-30

CURRENT FILING DATE:

2003-07-15

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RESULT 11
US-10-193-002-271/c
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Publication No. US20030135026A1
GENERAL INFORMATION:
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Best Local :
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PRIOR PILING DATE: 1997-04-18
PRIOR PPLICATION NUMBER: 60/070,488
PRIOR FILING DATE: 1998-01-05
PRIOR APPLICATION NUMBER: 10/138,473
PRIOR FILING DATE: 2002-05-02
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PRIOR FILING DATE: 1998-10-08
NUMBER OF SEQ ID NOS: 173
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PRIOR FILING DATE: 1997-04-02
PRIOR APPLICATION NUMBER: 1277/97
PRIOR FILING DATE: 1997-11-10
PRIOR FILING DATE: 1997-11-10
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PRIOR FILING DATE: 2001-02-20
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                                                  COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/193,002
FILING DATE: 10-Jul-2002
                                                                                                                                                                                                                                                                                                                                                                                                                    Houghton, Raymond
Vedvick, Thomas S.
Twardzik, Daniel R.
Lodes, Michael J.
Hendrickson, Ronald C.
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR DIAGNOSIS OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: 60/116,673 FILING DATE: 1999-01-21
                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
ADDRESSEE: SEED and BERRY LLP
STREET: 6300 Columbia Center,
                   CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        44;
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Similarity 86.3%;
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                                                                                                                                                                                                                              COUNTRY: USA
ZIP: 98104-7092
                                                                                                                                                                                                                                                                        STATE: Washington
                                                                                                                                                                                                                                                                                              CITY: Seattle
APPLICATION NUMBER: US/09/072,596
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Reed, Steven G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Skeiky, Yasir A.W.
Dillon, Davin C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Campos-Neto, Antonia
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                                                                                                                                                                                                                                                                                                                                                                                   350
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                                                                                                                                                                                                                                                                                                                    701 Fifth Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  DB 7;
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Best Local Similarity
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INFORMATION FOR SEQ ID NO:
INFORMATION FOR SEQ ID NO: 276: SEQUENCE CHARACTERISTICS:
                                                                                              APPLICATION NUMBER: US/09/072,967
FILING DATE: 05-MAY-1998
ATTORNEY/AGENT INFORMATION:
NAME: Maki, David J.
REGISTRATION NUMBER: 31,392
REFERENCE/DOCKET NUMBER: 210121.411C9
                                                                                                                                                                                                                    APPLICATION NUMBER: US/10/084,843
FILING DATE: 25-Feb-2002
CLASSIFICATION: cUnknown>
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                               ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Lodes, Michael J.
Hendrickson, Ronald C.
Hendrickson, Ronald C.
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR IMMUNOTHERAPY
AND DIAGNOSIS OF TUBERCULOSIS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE: cDNA
SEQUENCE DESCRIPTION: SEQ ID NO: 271:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              REFERENCE/DOCKET NUMBER: 210121.417C9 TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
NAME: MAKI, David J.
REGISTRATION NUMBER: 31,392
                                                        TELECOMMUNICATION INFORMATION: TELEPHONE: (206) 622-4900
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
ADDRESSEE: SEED and BERRY LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Reed, Steven G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            60 TGATCCGCGCCGGCGACGATGCAGAGCGCAGCGATGCTAAGGAGCGGCGCCG
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 571 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                 TELEPHONE: (206) 622-45
                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STATE: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STREET: 6300 Columbia Center,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Application US/10084843
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US20030143243A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Seattle
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Houghton, Raymond Vedvick, Thomas S. Twardzik, Daniel R.
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Dillon, Davin C.
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82.7%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             (206) 622-4900
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        355
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Pred. No. 0.00089;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         701 Fifth Avenue
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TOPOLOGY: linear;

MOLECULE TYPE: cDNA

SEQUENCE DESCRIPTION: SEQ ID NO: 276:
US-11-028-898-276
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US-11-028-898-276/c
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Publication No. US2005
GENERAL INFORMATION:
APPLICANT: Reed
Query Match
Best Local Similarity
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Best Local (
                                                                                                                                                                                                              INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Local Similarity
                                                                                                                                                                                                                                               NAME: Maki, David J.
REGISTRATION NUMBER: 31,392
REFERENCE/DOCKET NUMBER: 210121.411C9
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/10/084,843
FILING DATE: 03-Jan-2005
APPLICATION NUMBER: US/09/072,967
FILING DATE: 05-MAY-1998
ATTORNEY/AGENT INFORMATION:
                                                                                                                               SEQUENCE CHARACTERISTICS:
LENGTH: 571 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Lodes, Michael J.

Hendrickson, Ronald C.
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR IMMUNOTHERAPY
AND_DIAGNOSIS OF TUBERCULOSIS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE DESCRIPTION: SEQ ID NO: 276:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY: linear MOLECULE TYPE: cDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 35 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            43;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US/11/028,898
FILING DATE: 03-Jan-2005
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STATE: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: Seattle
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ZIP: 98104-7092
                                                                                                                                                                                                                                   TELEFAX: (206)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE: SEED and BERRY LLP
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Vedvick, Thomas S.
Twardzik, Daniel R.
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Dillon, Davin C.
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82.7%;
70.9%;
82.7%;
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Score 37.6; DB 10;
Pred. No. 0.00089;
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                Length 571;
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RESULT 15
US-10-259-678-526/c
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                                                                                                                                           Matches
                                                                                                                                                          Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                        TELEFAX: (206) 682-60: INFORMATION FOR SEQ ID NO: 271:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENTING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION UNMBER: US/11/082,005
FILING DATE: 15-Mar-2005
CLASSIFICATION: <UNKnown>
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                        NAME: Maki, David J.
REGISTRATION NUMBER: 31,392
REFERENCE/DOCKET NUMBER: 210121.417C9
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US/10/193,002
FILING DATE: 10-Jul-2002
APPLICATION UMBER: US/09/072,596
FILING DATE: 05-MAY-1998
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                             MOLECULE TYPE: cDNA
SEQUENCE DESCRIPTION: SEQ ID NO: 271:
                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
LENGTH: 571 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compati
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Hendrickson, Ronald C.
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR DIAGNOSIS OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
ADDRESSEE: SEED and BERRY LLP
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Reed, Steven G.
                                                                        60 TGATCCGCGCCGGCGACGATGCAGAGCGCGATGCTAAGGAGCGGCGCCG
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                                                                                                      2 TGACCTGCGCCGACGACGATGCAGAGCGTAGCGATGAGGAGGAGTGGCGCTG
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                                                                                                                                                                                                                                                                   TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ZIP: 98104-7092
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY: USA
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0. US20050181419A1
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                                                                                                                                           Conservative
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Vedvick, Thomas S.
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Dillon, Davin C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Campos-Neto, Antonia
                                                                                                                                                      70.9%;
82.7%;
                                                                                                                                                                                                                                                                    linear
                                                                                                                                                                                                                                                                                                                                                                             682-6031
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                                                                                                                                           0;
                                                                                                                                                        Score 37.6; DB 10
Pred. No. 0.00089;
                                                                                                                                         Mismatches
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                                                                                                                                                                             DB 10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        9
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                                                                                                                                                                           Length 571;
                                                                                                                                           Indels
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Sequence 526, Application US/10259678

Publication No. US20030198974A1

GENERAL INFORMATION:

APPLICANT: Cole, Stewart
APPLICANT: Billault, Alain
ITITLE OF INVENTION: THE GENOME OF A MYCOBACTERIUM USING A BAC-BASED DNA
ITITLE OF INVENTION: THE GENOME OF A MYCOBACTERIUM USING A BAC-BASED DNA
ITITLE OF INVENTION: THE GENOME OF A MYCOBACTERIUM USING A BAC-BASED DNA
ITITLE OF INVENTION: THE DETECTION OF MYCOBACTERIA

FILLE REFERENCE: 3495-0169

CURRENT APPLICATION NUMBER: US/10/259,678

CURRENT FILMS DATE: 1998-04-16

PRIOR REFLICATION NUMBER: US/09/060,756

PRIOR FILMS DATE: 1998-04-16

INVEST FILMS DATE: 1998-04-16

INVEST FILMS DATE: 1998-04-16

SEQ ID NO 526

DESTUNATE: PRIOR OF SEQ ID NOS: 743

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 526

OUERY MATCH

GOLANISM: MYCOBACTERIUM tuberculosis

US-10-259-678-526

OUERY MATCH

Best Local Similarity 90.7%; Pred. No. 0.0022;

Matches 39; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Matches 39; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 9 CCCGCGCGACGACGATGACGCGATGAGGAGTGGCGC 51

ODD 76 CGCCGCGCACGATGACGCATGAGGAGTGGCGC 34

Search completed: January 11, 2006, 21:19:34

Job time: 424.592 secs
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Copyright

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Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
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Perfect score:
                                                                                                                                                                                                                                                                      Result
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Maximum DB
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence:
                                  00000
                                                                                                                                                                                                                                                             No.
   Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                             Score
                                                                                                seq length: 0 seq length: 2000000000
                                                                                                                                                                                                                                                                                                                                                       Published_Applications_NA_New:*

1: /cgn2_6/ptodata/2/pubpna/US08_NEW_PUB.seq:*

2: /cgn2_6/ptodata/2/pubpna/US08_NEW_PUB.seq:*

3: /cgn2_6/ptodata/2/pubpna/US07_NEW_PUB.seq:*

4: /cgn2_6/ptodata/2/pubpna/PCT_NEW_PUB.seq:*

5: /cgn2_6/ptodata/2/pubpna/US10_NEW_PUB.seq:*

6: /cgn2_6/ptodata/2/pubpna/US11_NEW_PUB.seq:*

7: /cgn2_6/ptodata/2/pubpna/US11_NEW_PUB.seq:*

8: /cgn2_6/ptodata/2/pubpna/US11_NEW_PUB.seq:*

9: /cgn2_6/ptodata/2/pubpna/US11_NEW_PUB.seq:*

10: /cgn2_6/ptodata/2/pubpna/US10_NEW_PUB.seq:*
                                                                                                                                                                                                                                                           Query
Match
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53
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192.350 Million cell updates/sec
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             6594
78869
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234
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                         US-10-802-796-526
US-10-802-796-597
US-10-802-796-635
US-10-802-796-635
US-10-802-796-521
US-10-802-796-60
US-10-802-796-60
US-10-802-796-266
US-11-075-185-38
US-11-075-185-1
US-10-821-234-315
US-10-821-234-315
US-10-821-234-315
US-10-467-657-709
US-10-467-657-729
US-10-467-657-4293
US-11-124-368A-15090
US-10-750-185-49463
US-10-909-125-804
US-10-909-125-804
US-10-909-125-804
US-10-909-125-804
US-10-909-125-804
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US-11-1146-527-508
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Sequence 526, App
Sequence 597, App
Sequence 586, App
Sequence 567, App
Sequence 567, App
Sequence 567, App
Sequence 266, App
Sequence 38, App
Sequence 1, Appli
Sequence 11, Appli
Sequence 11, Appli
Sequence 11, Appli
Sequence 315, App
Sequence 4993, Ap
Sequence 4993, Ap
Sequence 4993, Ap
Sequence 49463, A
Sequence 49463, A
Sequence 49463, A
Sequence 604, App
Sequence 604, App
Sequence 608, App
Sequence 165, App
Sequence 165, App
Sequence 165, App
Sequence 165, App
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45	C 44	43	42	C 41	40	c 39	38		c 36			33	32		c 30		28		c 26		
21	21	21	21	21	21	21	21.2	21.2	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.8	22	22	22	
39.6	9	39.6		39.6	39.6	39.6		40.0	40.8	40.8	40.8	40.8	40.8	40.8	40.8		41.1	41.5	41.5	41.5	
4212	1875	1816	1400	1230	1197	201	395	395	169725	142605	37500	4510	1388	1337	1337	647	1936	1574	1574	1134	
σ	σ	9	7	7	7	σ	7	7	7	7	σ	7	6	σ	δ	6	7	0	6	6	
US-10-750-185-42579	US-10-454-437-65	US-10-454-437-67	US-11-128-061-4537	US-11-143-401-114	US-11-128-061-831	US-10-995-561-39940	US-11-136-527-8034	US-11-136-527-3938	US-11-121-086-63	US-11-121-086-64	US-10-522-037-1	US-11-136-527-1828	US-10-883-512-130	US-10-750-623-53564	US-10-750-185-53564	US-10-816-768-99	US-11-166-993-146	US-10-750-623-33387	US-10-750-185-33387	US-10-821-234-584	
Sequence 42	Sequence 65	Sequence 67,	Seguence 4537	Sequence 114	Sequence 831	Sequence 39	Sequence 8034	Sequence 39	Sequence 63,	Sequence 64	Sequence 1,	Sequence 18	Sequence 130,	Sequence 53	Sequence 53	Sequence 99,	Sequence 14	Sequence 33	Sequence 33	Sequence 58	
42579, A	, Appl	, Appl		-	1, App	39940, A	•	3938, Ap		, Appl	Appli	1828, Ap	0, App	53564, A	53564, A	×	146, App	33387, A	33387, A	584, App	

## ALIGNMENTS

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PRIOR APPLICATION NUMBER: US/09/673,476
PRIOR FILING DATE: 2002-03-29
PRIOR APPLICATION NUMBER: PCT/IB99/00740
PRIOR APPLICATION NUMBER: P0/060,756
PRIOR APPLICATION NUMBER: 09/060,756
PRIOR FILING DATE: 1998-04-16
NUMBER OF SEQ ID NOS: 743
SOFTWARE: Patentin Ver. 2.2
SEQ ID NO 526
LENGTH: 173
TYPE: DNA
ORGANISM: Mycobacterium tuberculosis
US-10-802-796-526
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-10-802-796-526/c
; Sequence 526, Application US/10802796
; Publication No. US20050250104A1
; GENERAL INFORMATION:
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                                             S
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: COLE, STEWART
APPLICANT: BUCHRIESER-BROSCH, ROLAND
APPLICANT: BUCHRIESER-BROSCH, ROLAND
APPLICANT: GORDON, STEPHEN
APPLICANT: GORDON, STEPHEN
APPLICANT: BILLAULT, ALAIN
TITLE OF INVENTION: FROM THE GENOME OF A MYCOBACTERIUM USING A BAC-BASED
TITLE OF INVENTION: DNA LIBRARY. APPLICATION TO THE DETECTION OF
TITLE OF INVENTION: MYCOBACTERIA.
FILE REFERENCE: 05394.0011-00000
CURRENT APPLICATION NUMBER: US/10/802,796
CURRENT FILING DATE: 2004-03-18
CURRENT FILING DATE: 2004-03-18
                                                                                                     Matches
                                                                                                                           Query Match
Best Local Similarity
76 CGCCGGCGACGATGCCGAGCGATGAGGAGGAGCGGCGC 34
                                                                                                  39;
                                9 CGCCGACGACGATGCAGAGCGTAGCGATGAGGAGGAGGAGTGGCGC 51
                                                                                                     Conservative
                                                                                                  69.1%; Score 36.6; DB 6; 90.7%; Pred. No. 0.0018; tive 0; Mismatches 4;
                                                                                                     4
                                                                                                                                                   Length
                                                                                                     Indels
                                                                                                  0
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RESULT 2
US-10-802-796-597/c
US-10-802-796-597/c
Sequence 597, Application US/10802796
Publication No. US20050250104A1
GENERAL INFORMATION:
APPLICANT: COLE, STEWART
APPLICANT: BUCHRIESER-BROSCH, ROLAND

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APPLICANT: COLE, STEWART

APPLICANT: BUCHRIESER-BROSCH, ROLAND

APPLICANT: BUCHRIESER-BROSCH, ROLAND

APPLICANT: BUCHRIESER-BROSCH, ROLAND

APPLICANT: GORDON, STEPHEN

APPLICANT: GORDON, STEPHEN

APPLICANT: GORDON, STEPHEN

APPLICANT: BILLAULT, ALAIN

TITLE OF INVENTION: A METHOD FOR ISOLATING A POLYNUCLEOTIDE OF INTEREST

TITLE OF INVENTION: FROM THE GENOME OF A MYCOBACTERIUM USING A BAC-BASED

TITLE OF INVENTION: DNA LIBRARY. APPLICATION TO THE DETECTION OF

TITLE OF INVENTION: MYCOBACTERIA.

FILE REFERENCE: 05394.0011-00000

CURRENT APPLICATION NUMBER: US/09/873,476

PRIOR APPLICATION NUMBER: US/09/673,476

PRIOR APPLICATION NUMBER: US/09/673,476

PRIOR APPLICATION NUMBER: DCT/IB99/00740

PRIOR APPLICATION NUMBER: DCT/IB99/00740

PRIOR APPLICATION NUMBER: DCT/IB99/00740

PRIOR APPLICATION NUMBER: DO9/66,756

PRIOR FILING DATE: 1998-04-16

NUMBER OF SEQ ID NOS: 743

COLUMBER: DCT-IB-9-16
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US-10-802-796-586/c
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CURRENT APPLICATION NUMBER: US/10/802,796
CURRENT APPLICATION NUMBER: US/09/673,476
PRIOR APPLICATION NUMBER: US/09/673,476
PRIOR PILING DATE: 2002-03-29
PRIOR APPLICATION NUMBER: PCT/IB99/00740
PRIOR FILING DATE: 1999-04-16
PRIOR APPLICATION NUMBER: 09/060,756
PRIOR APPLICATION NUMBER: 09/060,756
PRIOR FILING DATE: 1998-04-16
NUMBER OF SEQ ID NOS: 743
SOFTWARE: Patentin Ver. 2.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQ ID NO 597
LENGTH: 234
TYPE: DNA
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                                                                                                                                                                                                                                                                                                                          SOFTWARE: PatentIn Ver. 2.2
SEQ ID NO 586
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Best Local
                                                                                                           Matches
                                                                                                                                     Best Local Similarity
                                                                                                                                                           Query Match
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                                                                                                                                                                                                                                     TYPE: DNA ORGANISM: Mycobacterium tuberculosis
                                                                                                                                                                                                                                                                                                 LENGTH: 241
64
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          84 CGCCGGCGATGCCGAGCGCAGCGATGAGGAGGAGCGGCGC 42
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          T: BILLAULT, ALAIN
INVENTION: A METHOD FOR ISOLATING A POLYNUCLEOTIDE OF INTEREST
INVENTION: FROM THE GENOME OF A MYCOBACTERIUM USING A BAC-BASED
                                                                                                        39;
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Similarity 90.7%;
                                          CGCCGACGATGCAGAGCGTAGCGATGAGGAGGAGTGGCGC 51
CGCCGGCGACGATGCCGAGCGATGAGGAGGAGCGCCC 22
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                                                                                                           Conservative
                                                                                                                                  69.1%;
90.7%;
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                                                                                                        0; Mismatches
                                                                                                                                  Score 36.6; DB 6; Length 241; Pred. No. 0.0018;
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                                                                                                        4.
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RESULT 4 US-10-802-796-635/c

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APPLICANT: COLE, STEWART
APPLICANT: BUCHRIESER-BROSCH, ROLAND
APPLICANT: BUCHRIESER-BROSCH, ROLAND
APPLICANT: BUCHRIESER-BROSCH, ROLAND
APPLICANT: GORDON, STEPHEN
APPLICANT: BILLAULT, ALAIN
ITITLE OF INVENTION: A METHOD FOR ISOLATING A POLYNUCLEOTIDE OF INTEREST
ITITLE OF INVENTION: FROM THE GENOME OF A MYCOBACTERIUM USING A BAC-BASED
ITITLE OF INVENTION: MYCOBACTERIA.
FILE REFERENCE: 05394.0011-00000
CURRENT APPLICATION NUMBER: US/10/802,796
CURRENT APPLICATION NUMBER: US/90/673,476
PRIOR APPLICATION NUMBER: US/09/673,476
PRIOR APPLICATION NUMBER: US/09/673,476
PRIOR FILING DATE: 2002-03-29
PRIOR FILING DATE: 1999-04-16
PRIOR FILING DATE: 1999-04-16
PRIOR FILING DATE: 1999-04-16
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Best Local Similarity
Tatches 39; Conserve
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US-10-802-796-521
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PRIOR FILING DATE: 1998-04-16
NUMBER OF SEQ ID NOS: 743
SOFTWARE: PATENTIN Ver. 2.2
SEQ ID NO 635
LENGTH: 376
TYPES NAME.
                                                                        Query Match
Best Local Similarity
Matches 39; Conserv
                                                                                                                                                                                                                                                  NUMBER OF SEQ ID NOS: 743
SOFTWARE: PatentIn Ver. 2.2
SEQ ID NO 521
LENGTH: 406
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Publication No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 521, Application US/10802796 Publication No. US20050250104A1
                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: A METHOD FOR ISOLATING A POLYNUCLEOTIDE OF INTEREST TITLE OF INVENTION: FROM THE GENOME OF A MYCOBACTERIUM USING A BAC-BASED TITLE OF INVENTION: DAN LIBRARY. APPLICATION TO THE DETECTION OF TITLE OF INVENTION: MYCOBACTERIA.

FILE REFERENCE: 05394.0011-00000

CURRENT APPLICATION NUMBER: US/10/802,796

CURRENT FILING DATE: 2004-03-18

PRIOR APPLICATION NUMBER: US/09/673,476

PRIOR PILING DATE: 2002-03-29

PRIOR APPLICATION NUMBER: PCT/1B99/00740

PRIOR APPLICATION NUMBER: DCT/1B99/00740

PRIOR APPLICATION NUMBER: 09/060,756

PRIOR PILING DATE: 1998-04-16

PRIOR FILING DATE: 1998-04-16

PRIOR FILING DATE: 1998-04-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: COLE, STEWART
APPLICANT: BUCHRIESER-BROSCH, ROLAND
APPLICANT: GORDON, STEPHEN
APPLICANT: BILLAULT, ALAIN
                                                                                                                                                                                                                                TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              9 CGCCGACGACGATGCAGAGCGTAGCGATGAGGAGGAGGAGTGGCGC 51
CGCCGACGACGATGCAGAGCGTAGCGATGAGGAGGAGTGGCGC 51
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o. US20050250104A1
                                                                               Conservative
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90.7%;
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Pred. No. 0.0018;
                                                                          Score 36.6; DB 6; Length 406; Pred. No. 0.0018; O; Mismatches 4; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Mismatches
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CGCCGGCGACGATGCCGAGCGAGCGATGAGGAGCGGCGC 17

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US-10-802-796-567; Sequence 567, App.; Publication No.
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SEQ ID NO 567
LENGTH: 374
TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: US/09/673,476
PRIOR FILING DATE: 2002-03-29
PRIOR APPLICATION NUMBER: PCT/IB99/00740
PRIOR FILING DATE: 1999-04-16
PRIOR APPLICATION NUMBER: 09/060,756
PRIOR BEPLICATION NUMBER: 09/060,756
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILE REFERENCE: 05394.0011-00000
CURRENT APPLICATION NUMBER: US/10/802,796
CURRENT FILING DATE: 2004-03-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: GORDON, STEPHEN
APPLICANT: BILLAUIT, ALAIN
APPLICANT: BILLAUIT, ALAIN
TITLE OF INVENTION: A METHOD FOR ISOLATING A POLYNUCLEOTIDE OF INTEREST
TITLE OF INVENTION: FROM THE GENOME OF A MYCOBACTERIUM USING A BAC-BASI
TITLE OF INVENTION: DNA LIBRARY, APPLICATION TO THE DETECTION OF
TITLE OF INVENTION: MYCOBACTERIA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR FILING DATE: 1998-04-16
NUMBER OF SEQ ID NOS: 743
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                                                                                                                                                                                                                  LOCATION: (262)
OTHER INFORMATION: a, t,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LOCATION: (20)
OTHER INFORMATION: a, t,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FEATURE:
NAME/KEY: modified_base
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              OTHER INFORMATION: a, t, c
                              FEATURE:
NAME/KEY: modified_base
LOCATION: (327)
                                                                                OTHER INFORMATION: a, t,
                                                                                                                                                                                NAME/KEY: modified_base
                                                                                                                                                                                                                                                  NAME/KEY: modified_base
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OTHER INFORMATION: a, t,
                                                                                                                                                                                                                                                                                                                        NAME/KEY: modified_base
                                                                                                                                                                                                                                                                                                                                                                                                                             LOCATION: (23)
OTHER INFORMATION: a, t,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LOCATION: (15)
OTHER INFORMATION: a, t,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: a, t,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Mycobacterium tuberculosis
                                                                                                               NAME/KEY: modified_base
                                                                                                                                                 OTHER INFORMATION: a, t,
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                                                                                                                                        FEATURE:
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RESULT 8 US-10-802-796-266/c

Sequence 266, Application US/10802796
Publication No. US20050250104A1
GENERAL INFORMATION:

APPLICANT: COLE,
APPLICANT: BUCH
APPLICANT: GORD

BUCHRIESER-BROSCH, GORDON, STEPHEN BILLAULT, ALAIN

STEWART

ROLAND

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CURRENT FILING DATE: 2004-03-18
PRIOR APPLICATION NUMBER: US/09/673,476
PRIOR FILING DATE: 2002-03-29
PRIOR APPLICATION NUMBER: PCT/IB99/00740
PRIOR FILING DATE: 1999-04-16
PRIOR APPLICATION NUMBER: 09/060,756
PRIOR APPLICATION NUMBER: 09/060,756
PRIOR FILING DATE: 1998-04-16
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SOFTWARE: PatentIn Ver. 2
SEQ ID NO 60
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                                                                    Matches
                                                                                                    Query Match
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APPLICANT: BILLAULT, ALAIN
APPLICANT: BILLAULT, ALAIN
TITLE OF INVENTION: A METHOD FOR ISOLATING A POLYNUCLEOTIDE OF INTEREST
TITLE OF INVENTION: FROM THE GENOME OF A MYCOBACTERIUM USING A BAC-BASI
TITLE OF INVENTION: DNA LIBRARY APPLICATION TO THE DETECTION OF
TITLE OF INVENTION: MYCOBACTERIA.
FILE REFERENCE: 05394.0011-00000
                                                                                                                                                                           FEATURE: modified_base LOCATION: (347)
                                                                                                                                                          OTHER INFORMATION: a, t,
                                                                                                                                                                                                                                               NAME/KEY: modified_base LOCATION: (334)
                                                                                                                                                                                                                                                                                                                                   NAME/KEY: modified_base
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                    FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Mycobacterium tuberculosis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 448
                                                                                     Local Similarity
428 CCGGGGACGATGCAGAGCGAAGCGATGAGGAGGAGCAGGGC 388
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                               11 CCGACGACGATGCAGAGCGTAGCGATGAGGAGGAGTGGCGC 51
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                                                                                   Score 31.4; DB 6; Length 448; Pred. No. 0.091;
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                                                                    Mismatches
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                                                                             US-11-075-185-1/c
                                                                                                 RESULT 10
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CURRENT APPLICATION NUMBER: US/10/802,796
CURRENT FILING DATE: 2004-03-18
PRIOR APPLICATION NUMBER: US/09/673,476
PRIOR FILING DATE: 2002-03-29
PRIOR APPLICATION NUMBER: PCT/IB99/00740
PRIOR APPLICATION NUMBER: 09/060,756
PRIOR APPLICATION NUMBER: 09/060,756
PRIOR APPLICATION NUMBER: 09/060,756
PRIOR APPLICATION NUMBER: 09/060,756
PRIOR FILING DATE: 1998-04-16
                                                                                                                                                                                                                                                                                                                          US-11-075-185-38
Sequence 1, Application US/11075185
Publication No. US20050266434A1
GENERAL INFORMATION:
APPLICANT: REEVES, CHRISTOPHER D
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS: 743
SOFTWARE: PATENTIN VER. 2.2
SEQ ID NO 266
LENGTH: 217
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LENGTH: 6594
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Publication No. US20050266434A1
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Best Local (
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILE REFERENCE: 010099.03
CURRENT APPLICATION NUMBER: US/11/075,185
CURRENT FILING DATE: 2005-03-07
PRIOR APPLICATION NUMBER: US 60/551,103
PRIOR FILING DATE: 2004-03-08
PRIOR APPLICATION NUMBER: US 60/568,290
PRIOR FILING DATE: 2004-05-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: REEVES, CHRISTOPHER D
APPLICANT: JULIEN, BRYAN
APPLICANT: REID, RALPH
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SOFTWARE: PatentIn version 3.3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: BIOSYNTHETIC GENE CLUSTER FOR AMBRUTICINS
                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
ORGANISM: Sorangium cellulosum
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Mycobacterium tuberculosis FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
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                                                                                                                                                                                                                                             34;
                                                                                                                                                                                     2 TGACCTGCGCCGACGACGATGCAGAGCGTAGCGATGAGGAGGAGGAGTGGCGC 51
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93.9%;
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Pred. No. 19;
0; Mismatches
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Pred. No. 0.
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-821-234-315
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Publication No. US20050266420A1
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Best Local Similarity
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SEQ ID NO 315
LENGTH: 2396
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Publication No.
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Best Local Similarity
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APPLICANT: PUSZTAI, LAJOS
APPLICANT: SYMMANS, W. FRASER
APPLICANT: HESS, KENNETH R.
APPLICANT: AYERS, MARK
APPLICANT: STEC, JAMES
TITLE OF INVENTION: MULTIGENE PREDICTORS OF RESPONSE FILE REFERENCE: UTXC: 880US
CURRENT APPLICATION NUMBER: US/10/955,054A
CURRENT FILING DATE: 2004-09-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/11/075,185
CURRENT FILLING DATE: 2005-03-07
PRIOR APPLICATION NUMBER: US 60/551,103
PRIOR FILING DATE: 2004-03-08
PRIOR APPLICATION NUMBER: US 60/568,290
PRIOR FILING DATE: 2004-05-04
NUMBER OF SEQ ID NOS: 61
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/10/821,234
CURRENT FILING DATE: 2004-04-07
PRIOR APPLICATION NUMBER: US 60/462,047
PRIOR FILING DATE: 2003-04-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: JULIEN, BRYAN
APPLICANT: REID, RALPH
TITLE OF INVENTION: BIOSYNTHETIC GENE CLUSTER FOR AMBRUTICINS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Tang, Y. Tom
TITLE OF INVENTION: Methods for Diagnosis
FILE REFERENCE: 821A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 1704
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
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o. US20050255114A1
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71.1%;
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                                                                                                                                                                                                                                                                                                                                                           0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                           Score 24.2;
Pred. No. 22;
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Pred. No. 20;
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NUMBER OF SEQ ID NOS: 195 SOFTWARE: Patentin Ver. 2.1 SEQ ID NO 11 LENGTH: 5595

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US-10-467-657-7099/c
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; ORGANISM: Neisseria gonorrhoeae US-10-467-657-4293
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Best Local Similarity bu...
Thes 34; Conservative
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PRIOR FILING DATE: 2001-02-12
NUMBER OF SEQ ID NOS: 9218
SOFTWARE: SegWin99, version 1.04
SEQ ID NO 7099
LENGTH: 810
TYPE: DNA
                                                                    TITLE OF INVENTION: GONOCOCCAL PROTEINS AND NUCLEIC ACIDS FILE REFERENCE:
CURRENT APPLICATION NUMBER: US/10/467,657
CURRENT FILING DATE: 2003-08-11
PRIOR APPLICATION NUMBER: GB-0103424.8
PRIOR FILING DATE: 2001-02-12
NUMBER OF SEQ ID NOS: 9218
SOFTWARE: Segwin99, Version 1.04
SEQ ID NO 4293
                                                                                                                                                                                                                                                                                                                                           Sequence 4293, Application US/10467657
Publication No. US20050260581A1
GENERAL INFORMATION:
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Matches
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APPLICANT: CHIRON SPA
APPLICANT: FONTANA Maria Rita
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Publication No. US20050260581A1
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                                                                                                                                                                                                                                              APPLICANT: CHIRON SPA
APPLICANT: FONTANA Maria Rita
APPLICANT: PIZZA Mariagrazia
APPLICANT: MASICNANI Vega
APPLICANT: MONACI Elisabetta
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILE REFERENCE:
CURRENT APPLICATION NUMBER: US/10/467,657
CURRENT FILING DATE: 2003-08-11
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APPLICANT: MASIGNANI Vega
APPLICANT: MONACI Elisabetta
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ORGANISM: Homo sapiens
                                  TYPE: DNA
                                                        LENGTH: 888
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Similarity 67.3%; Pred. No. 39;
33; Conservative 0; Mismatches
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; TYPE: DNA; Homo sapiens; ORGANISM: Homo sapiens US-11-124-368A-15090
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Search completed: January 11, 2006, 21:28:54 Job time: 225.008 secs
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US-11-124-368A-15090
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 15090
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: May Luke TITLE OF INVENTION: Genetic Polymorphisms Associated with TITLE OF INVENTION: Vascular Diseases, Methods of Detection and Uses Thereof TITLE OF INVENTION: Vascular Diseases, Methods of Detection and Uses Thereof TILE REFERENCE: CL001524 CURRENT FAILING NOTE: 2005-05-09 CURRENT FILLING DATE: 2005-05-09 CURRENT FILLING DATE: 2005-05-09 PRIOR APPLICATION NUMBER: US 60/568,845
                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR FILING DATE: 2004-05-07
PRIOR APPLICATION NUMBER: US 60/625,936
PRIOR FILING DATE: 2004-11-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Michele Cargill APPLICANT: James J. Devlin
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998
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INFORMATION FOR SEQ ID NO: 138:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:

APPLICANT: SMITH, DOUGLAS

APPLICANT: MAD, JEN-I

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES

TITLE OF INVENTION: RELATING TO MYCOBACTERIUM TUBERCULOSIS:

TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS

NUMBER OF SEQUENCES: 411
                                                                                                    ATTORNEY/AGENT INFORMATION:
NAME: GATES, EDWARD R.
REGISTRATION UMBER: 31,616
REFERENCE/DOCKET NUMBER: CO
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
ADDRESSEE: WOLF, GRE
                                                                                                                                                                                                 SOFTWARE: PatentIn Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
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STREET: BOSTON
MASSAC
TYPE: nucleic acid
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: circular
DLECULE TYPE: DNA (genomic
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                                                                                           TELEPHONE: 617/720-3500
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RESULT 2
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RESULT 3
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                                                                                                          Matches
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Best Local Similarity
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INFORMATION FOR SEQ ID NO: 24
SEQUENCE CHARACTERISTICS:
LENGTH: 38494 base pairs
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                                                                                                                                                                                                                                 TYPE: nucleic acid
STRANDENESS: double
TOPOLOGY: circular
MOLECULE TYPE: DNA (geno
HYPOTHETICAL: NO
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                                                                                                                                                                                     HYPOTHETICAL: NC
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: MYCC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES TITLE OF INVENTION: RELATING TO MYCOBACTERIUM TUBERCULOSIS TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS NUMBER OF SEQUENCES: 411
CORRESPONDENCE ADDRESS:
ADDRESSEE: WOLF, GREENFIELD & SACKS, P.C.
STREET: 600 ATLANTIC AVENUE
                                                                                                                                                                                                                                                                                                                                                                         TELEPHONE: 617/720-3500
                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
NAME: GATES, EDWARD R.
REGISTRATION NUMBER: 31,616
REFERENCE/DOCKET NUMBER: CO
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                                               AGCGATGAGGAGGAGTGGCGC
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                                                                                                          Conservative
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Pred. No.
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US-09-103-840A-2

Patent No.

Sequence 2, Application US/09103840A

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; ORGANISM: Mycobacterium tuberculosis ; OTHER INFORMATION: H37Rv US-09-103-840A-1
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APPLICANT: FRASER, Claire M.
APPLICANT: VENTER, John C.
TITLE OF INVENTION: DNA SEQUENCES FOR STRAIN
TITLE OF INVENTION: TUBERCULOSIS
FILE REFERENCE: 24366-20007.00
CURRENT APPLICATION NUMBER: US/09/103,840A
CURRENT FILING DATE: 1998-06-24
NUMBER OF SEQ ID NOS: 2
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                                                                                                            US-09-060-756-526/c
                                                                                                                                  RESULT 5
                                                    Sequence 526, Application US/09060756 Patent No. 6183957 GENERAL INFORMATION:
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Best Local :
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: DNA SEQUENCES FOR STRAIN ANALYSIS IN MYCOBACTERIUM TITLE OF INVENTION: TUBERCULOSIS FILE REFERENCE: 24366-20007.00 CURRENT APPLICATION NUMBER: US/09/103,840A CURRENT FILING DATE: 1998-06-24 NUMBER OF SEQ ID NOS: 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: FLEISCHMAN, ROBERT D. APPLICANT: WHITE, OWEN R. APPLICANT: FRASER, Claire M. APPLICANT: VENTER, John C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: FLEISCHMAN, Robert D. APPLICANT: WHITE, Owen R.
             APPLICANT: Cole, Stewart APPLICANT: Buchrieser-Brosch,
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APPLICANT: Gordon, Stephen
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: CDC 1551
OTHER INFORMATION: "n" bases at various positions throughout the sequence OTHER INFORMATION: represent a, t, c or g
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Conservative 0
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Pred. No.
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8.5;
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                                                                                                                                                                                                                                                                                                   US-09-060-756-597/c
            GENERAL INFORMATION:
APPLICANT: Cole, Stewart
APPLICANT: Buchrieser-Brosch, Roland
APPLICANT: Buchrieser-Brosch, Roland
APPLICANT: Buchrieser-Brosch, Roland
APPLICANT: Gordon, Stephen
APPLICANTION: THE GENOME OF A MYCOBACTERIUM USING A BAC-BASED DNA
TITLE OF INVENTION: LIBRARY APPLICATION TO THE DETECTION OF MYCOBACTERIA
FILE REFERENCE: 3495-0169
CURRENT APPLICATION NUMBER: US/09/060,756
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: METHOD FOR ISOLATING A POLYNUCLECTIDE OF INTEREST FROM
TITLE OF INVENTION: THE GENOME OF A MYCOBACTERIOM USING A BAC-BASED DNA
TITLE OF INVENTION: LIBRARY APPLICATION TO THE DETECTION OF MYCOBACTERIA
TILE REFERENCE: 3495-0169
CURRENT APPLICATION NUMBER: US/09/060,756
CURRENT PILING DATE: 1998-04-16
NUMBER OF SEQ ID NOS: 743
SOFTWARE: PATENTIN Ver. 2.0
SEQ ID NO 526
LENGTH: 173
TYPE: DNA
ORGANISM: Mycobacterium tuberculosis
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SEQ ID NO 526
LENGTH: 173
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Patent No. 6492506
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Best Local Similarity
Matches 20; Conserv
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APPLICANT: Billault, Alain
TITLE OF INVENTION: METHOD FOR ISOLATING A POLYNUCLEOTIDE OF INTEREST FROM
TITLE OF INVENTION: THE GENOME OF A MYCOBACTERIUM USING A BAC-BASED DNA
TITLE OF INVENTION: LIBRARY APPLICATION TO THE DETECTION OF MYCOBACTERIA
FILE REFERENCE: 3495-0169
CURRENT APPLICATION NUMBER: US/09/670,314
CURRENT FILING DATE: 2001-01-12
PRIOR APPLICATION UMMBER: 09/680,756
PRIOR FILING DATE: 1998-04-16
PRIOR FILING DATE: 1998-04-16
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Best Local
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CURRENT FILING DATE: 1998-04-16
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Pred. No. 19
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Pred. No. 19;
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APPLICANT: Cole, Stewart
APPLICANT: Cole, Stewart
APPLICANT: Buchrieser-Brosch, Roland
APPLICANT: Gordon, Stephen
APPLICANT: Billault, Alain
APPLICANT: Billault, Alain
TITLE OF INVENTION: METHOD FOR ISOLATING A POLYNUCLEOTIDE OF INTEREST FROM
TITLE OF INVENTION: LIBRARY APPLICATION TO THE DETECTION OF MYCOBACTERIA
TITLE OF INVENTION: LIBRARY APPLICATION TO THE DETECTION OF MYCOBACTERIA
FILE REFERENCE: 3495-0169
CURRENT APPLICATION NUMBER: US/09/060,756
CURRENT FILING DATE: 1998-04-16
NUMBER OF SEQ ID NOS: 743
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 586
LENGTH: 241
TYPE: DNA
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US-09-670-314-597/c
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ORGANISM: Mycobacterium tuberculosis
US-09-060-756-586
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LENGTH: 234
TYPE: DNA
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SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 597
LENGTH: 234
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                                                                                                                                                                                                                                                                                                                                              Sequence 586, Application US/09060756 Patent No. 6183957
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Best Local
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CURRENT APPLICATION NUMBER: US/09/670,314
CURRENT FILING DATE: 2001-01-12
PRIOR APPLICATION NUMBER: 09/060,756
PRIOR FILING DATE: 1998-04-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Buchrieser-Bross
APPLICANT: Gordon, Stephen
APPLICANT: Billault, Alain
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SOFTWARE: PatentIn Ver. 2
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95.2%;
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95.2%;
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Pred. No. 2
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Pred. No. 2
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; TYPE: DNA ; ORGANISM: Mycobacterium tuberculosis US-09-670-314-586
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SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 586
LENGTH: 241
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APPLICANT: Buchrie
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SEQ ID NO 25
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Best Local
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Best Local
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                                 Query Match
   Matches
                 Best Local Similarity
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CURRENT FILLING DATE: 2001-01-12
PRIOR APPLICATION NUMBER: 09/060,756
PRIOR FILING DATE: 1998-04-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Gordon, Stephen
APPLICANT: Billault, Alain
TITLE OF INVENTION: METHOD FOR ISOLATING A POLYNUCLEOTIDE OF INTEREST FROM
TITLE OF INVENTION: THE GENOME OF A MYCOBACTERIUM USING A BAC-BASED DNA
TITLE OF INVENTION: LIBRARY APPLICATION TO THE DETECTION OF MYCOBACTERIA
FILE REFERENCE: 3495-0169
                                                                                                                                                                                                                                       FILE REFERENCE: 014058-008910US
CURRENT APPLICATION NUMBER: US/99/470,191
CURRENT FILING DATE: 1999-12-23
PRIOR APPLICATION NUMBER: US 60/113,952
PRIOR FILING DATE: 1998-12-24
NUMBER OF SEQ ID NOS: 97
                                                                                                                                                                                                                                                                                                                                       APPLICANT: Skeiky, Yasir

APPLICANT: Corixa Corporation

TITLE OF INVENTION: Compositions and Methods of Their Use in

TITLE OF INVENTION: the Treatment, Prevention and Diagnosis of Tuberculosis
                                                                                   FEATURE:
NAME/KEY: modified base
LOCATION: (1)...(263)
OTHER INFORMATION: n = 6
                                                                                                                                                   ORGANISM: Mycobacterium tuberculosis
                                                                                                                                                                           TYPE: DNA
                                                                                                                                                                                           LENGTH:
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RESULT 13
US-09-670-314-635/c
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US-09-060-756-635/c
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                                                                                                                                                                                         SEQ ID NO 635
LENGTH: 376
TYPE: DNA
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APPLICANT: Cole, Stewart
APPLICANT: Buchrieser-Brosch, Roland
APPLICANT: Buchrieser-Brosch, Roland
APPLICANT: Billault, Alain
APPLICANT: Billault, Alain
TITLE OF INVENTION: METHOD FOR ISOLATING A POLYNUCLECTIDE OF INTEREST FROM
TITLE OF INVENTION: THE GENOME OF A MYCOBACTERIUM USING A BAC-BASED DNA
TITLE OF INVENTION: LIBRARY APPLICATION TO THE DETECTION OF MYCOBACTERIA
FILE REFERENCE: 3495-0169
CURRENT APPLICATION NUMBER: US/09/060,756
CURRENT FILING DATE: 1998-04-16
NUMBER OF SEQ ID NOS: 743
COUNTAINER: DESCRIPTIONER:
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Matches
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Best Local Similarity
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SEQ ID NO 635
LENGTH: 376
TYPE: DNA
ORGANISM: Mycobacterium tuberculosis
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                                                                           Matches
                                                                                             Query Match
Best Local :
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APPLICANT: Cole, Stewart
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Patent No. 649251
                                                                                                                                                                                                                                              APPLICANT: Buchrieser-Brosch, Roland
APPLICANT: Gordon, Stephen
APPLICANT: Gordon, Stephen
APPLICANT: Billault, Alain
TITLE OF INVENTION: METHOD FOR ISOLATING A POLYNUCLEOTIDE OF INTEREST FROM
TITLE OF INVENTION: THE GENOME OF A MYCOBACTERIUM USING A BAC-BASED DNA
TITLE OF INVENTION: LIBRARY APPLICATION TO THE DETECTION OF MYCOBACTERIA
FILE REFERENCE: 3495-0169
CURRENT APPLICATION NUMBER: US/09/670,314
CURRENT FILING DATE: 2001-01-12
PRIOR APPLICATION NUMBER: 09/060,756
PRIOR FILING DATE: 1998-04-16
NUMBER OF SEQ ID NOS: 743
SOFTWARE: Patentin Ver. 2.0
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Pred. No. 20;
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RESULT 14

; Sequence 71, Application US/09050739 ; Patent No. 6641814 ; GENERAL INFORMATION:

APPLICANT: ANDERSEN, Peter APPLICANT: NIELSEN, Rikke APPLICANT: OETTINGER, Thomas

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APPLICANT: Cole, Stewart
APPLICANT: Gole, Stewart
APPLICANT: Gole, Stewart
APPLICANT: Gordon, Stephen
APPLICANT: Gordon, Stephen
APPLICANT: Bullault, Alain
TITLE OF INVENTION: METHOD FOR ISOLATING A POLYNUCLEOTIDE OF INTEREST FROM
TITLE OF INVENTION: LIBRARY APPLICATION TO THE DETECTION OF MYCOBACTERIA
TILE OF INVENTION NUMBER: US/09/060,756
CURRENT APPLICATION NUMBER: US/09/060,756
CURRENT APPLICATION DATE: 1998-04-16
NUMBER OF SEQ ID NOS: 743
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 521
LENGTH: 406
TYPE: DNA
ORGANISM: Mycobacterium tuberculosis
RESULT 16
US-09-050-739-71
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Best Local S
Matches 20
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                                                                                                                                                                                                                                                                                                          SOFTWARE: PatentIn Ver. 2.0 SEQ ID NO 521
                                                                                                                                                                                                                                                                                                                              APPLICANT: GOTGO, Stephen
APPLICANT: Billault, Alain
TITLE OF INVENTION: METHOD FOR ISOLATING A POLYNUCLEOTIDE OF INTEREST FROM
TITLE OF INVENTION: THE GENOME OF A MYCOBACTERIUM USING A BAC-BASED DNA
TITLE OF INVENTION: LIBRARY APPLICATION TO THE DETECTION OF MYCOBACTERIA
FILE REFERENCE: 3495-0169
CURRENT APPLICATION NUMBER: US/09/670,314
CURRENT APPLICATION NUMBER: US/09/670,314
CURRENT FILING DATE: 2001-01-12
PRIOR APPLICATION NUMBER: 09/060,756
PRIOR FILING DATE: 1998-04-16
NUMBER OF SEQ ID NOS: 743
NUMBER OF SEQ ID NOS: 743
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 521, Appropriate Patent No. 64925
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence
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APPLICANT: Buchi
                                                                                                                                                                                                                                                                    TYPE: DNA
                                                                                                                                                                                                                                                                                          LENGTH: 406
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                                                                              37
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                                                                                                    1 AGCGATGAGGAGGAGTGGCGC 21
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                                                                                                                                                                        Similarity
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                                                                              AGCGATGAGGAGGAGCGGCGC 17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Application US/09670314
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                                                                                                                                                                        92.4%;
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                                                                                                                                                                        Score 19.4;
Pred. No. 21;
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Pred. No. 21;
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                                                                                                                                                                                        Length 406;
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                                                                                                                                                    Gaps
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APPLICANT: FLORIO, Walter
TITLE OF INVENTION: NUCLEIC ACIDS FRAGMENTS AND POLYPEPTIDE FRAGMENTS
TITLE OF INVENTION: DERIVED FROM M. TUBERCULOSIS
FILE REFERENCE: 670001-2002.1
CURRENT PILICATION NUMBER: US/09/050,739
CURRENT FILING DATE: 1998-03-30
EARLIER APPLICATION NUMBER: 0376/97
EARLIER APPLICATION NUMBER: 1277/97
EARLIER FILING DATE: 1997-04-02
FEARLIER FILING DATE: 1997-04-18
EARLIER FILING DATE: 1997-04-18
EARLIER APPLICATION NUMBER: 60/044,624
EARLIER APPLICATION NUMBER: 60/05,000
EARLIER APPLICATION NUMBER: 60/070,488
EARLIER APPLICATION NUMBER: 60/070,488
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US-08-390-878-16
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Patent No. 5700683
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APPLICANT: Stover, Charles K.
APPLICANT: Mahairas, Gregory G.
TITLE OF INVENTION: VIRULENCE-ATTENUATING GENETIC DELETIONS
                                                                             INFORMATION FOR SEQ ID NO. 16:
SEQUENCE CHARACTERISTICS:
                                                                                                                                 ATTORNEY/AGENT INFORMATION:
NAME: Hunter; Tom
REGISTRATION UNMER: 38,498
REFERENCE/DOCKET NUMBER: 1537
TELECOMMUNICATION: INFORMATION:
TELEPHONE: 415/543/5043
TELEFAX: 415/543/5043
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APPLICANT: ROSENKRAND
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                                                                                                                                                                                                                                                                                              COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/390,878
FILING DATE: 17-FEB-1995
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STREET: F100.
CITY: San Francisco
STATE: California
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                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend Khourie and Crew
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES:
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                     STRANDEDNESS:
                                                                   ENGTH:
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ROSENKRANDS, Ica
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                                        nucleic acid
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linear
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                   single
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Pred. No. 23;
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RESULT 19
US-09-103-840A-2/c
; Sequence 2, Application US/09103840A
; Patent No. 6294328
. GENERAL INFORMATION:
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                                                                                                                                                                                                                                            Best
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Best Local Similarity
                                                                                                                                                                                                                          Matches
                                                                                                                                                                                                                                                             Query Match
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INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  REGISTRATION NUMBER: 31,616
REFERENCE/DOCKET NUMBER: COU
TELECOMMUNICATION INFORMATION:
TELECHONOE: 617/720-3500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/311,731A
                                                                                                                                                                                                                                                                                                            HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: MYCOBACTERIUM TUBERCULOSIS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE:
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: GATES, EDWARD R.
REGISTRATION NUMBER: 31,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
ADDRESSEE: WOLF, GREENFIELD & SACKS, P.C.
STREET: 600 ATLANTIC AVENUE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: MAO, JEN-I
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES
TITLE OF INVENTION: RELATING TO MYCOBACTERIUM TUBERCULOSIS AND LAPRAE FOR
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE:
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                                                                                                                                                                                                                                         Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 32155 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: circular
                                                                                                                                                       5767
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                                                                                                                                                       AGCGATGAGGAGGAGCGCCGC 5787
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95.2%;
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Pred. No. 29;
0; Mismatches
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Pred. No. 27;
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US-09-949-016-63755

US-09-949-016-63755

Paquence 63755, Application US/09949016

Paquence 63755, Application US/09949016

Paquence 63755, Application US/09949016

Paquence 63755, Application US/09949016

PAPPLICANT: VENTER, J. Craig et al.

APPLICANT: VENTER, J. Craig et al.

TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

FILE REFERENCE: CL001307

CURRENT APPLICATION NUMBER: US/09/949,016

CURRENT FILING DATE: 2000-04-14
                                                                                                                                                                                                                                                                              밁
                                                                                                                                                                                                                                                                                                                                                                                                                                              ; ORGANISM: Mycobacterium tuberculosis ; OTHER INFORMATION: H37Rv US-09-103-840A-1
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                                                                                                                                                                                                                    RESULT 21
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SEQ ID NO 2
                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQ ID NO 1
LENGTH: 4411529
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Patent No. 6294328
                                                                                                                                                                                                                                                                                                                                                                Matches
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Best Local
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CURRENT APPLICATION NUMBER: US/09/103,840A
CURRENT FILING DATE: 1998-06-24
NUMBER OF SEQ ID NOS: 2
SOFTWARE: PatentIn Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: DNA SEQUENCES FOR STRATITLE OF INVENTION: TUBERCULOSIS FILE REFERENCE: 24366-2408-06-24

CURRENT APPLICATION NUMBER: US/09/103,840A

CURRENT FILING DATE: 1998-06-24

NUMBER OF SEQ ID NOS: 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: FLEISCHMAN, Robert D.
APPLICANT: WHITE, Owen R.
APPLICANT: FRASER, Claire M.
APPLICANT: VENTER, John C.
TITLE OF INVENTION: DNA SEQUENCES FOR STRAIN ANALYSIS IN MYCOBACTERIUM
TITLE OF INVENTION: TUBERCULOSIS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: FLEISCHMAN, Robert
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: CDC 1551
OTHER INFORMATION: "n" bases
OTHER INFORMATION: represent
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Mycobacterium tuberculosis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 4403765
                                                                                                                                                                                                                                                                            267785 AGCGATGAGGAGGGAGCGGCGC 267765
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               VENTER, John C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FRASER,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Conservative
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Pred. No. 40;
0; Mismatches
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Pred. No. 40;
0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                     DB 3;
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; ORGANISM: Human
US-09-949-016-63755
                                                                 US-08-311-731A-133
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FastSEQ for Window
SEQ ID NO 63755
LENGTH: 601
                Query Match
Best Local Similarity
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Best Local :
   Matches
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INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 39195 base pairs
TYPE: nucleic acid
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PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: SMITH, DOUGH
APPLICANT: MAO, JEN-I
TITLE OF INVENTION: NEI
TITLE OF INVENTION: REI
TITLE OF INVENTION: DIJ
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                                                                                                                                                                                                                                                                                       ATTORNEY/AGENT INFORMATION:
NAME: GATES, EDWARD R.
REGISTRATION NUMBER: 31,616
REFERENCE/DOCKET NUMBER: CO
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION DATA:
APPLICATION NUMBER: US.
FILING DATE:
CLASSIFICATION: 530
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
ADDRESSEE: WOLF, GREENFIELD & SACKS, P.C.
STREET: 600 ATLANTIC AVENUE
CITY: BOSTON
                                                                                 ORIGINAL SOURCE:
ORGANISM: MYC
                                                                                                             HYPOTHETICAL: I
                                                                                                                                            MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM: MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version
                                                                                                                                                           STRANDEDNESS:
TOPOLOGY: cir
                                                                                                                                                                                                                                                                           TELEPHONE:
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5. 6583266
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   Conservative
                                                                                                                                                        circular
                                                                               MYCOBACTERIUM LEPRAE
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                                                                                                                                               DNA
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                                                                                                                                            (genomic)
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RELATING TO MYCOBACTERIUM TUBERCULOSIS AND LAPRAE FOR
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                  84.8%;
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90.5%;
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   Score 17.8; DI
Pred. No. 1.4e
0; Mismatches
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1.4e+02;
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; MOLECULE TYPE: DNJ
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: MYCOBJ
US-08-311-731A-128
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US-08-311-731A-128/c
; Sequence 128, Application US/08311731A
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US-09-949-016-11844/c
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Sequence 11844, Application US/09949016
Patent No. 6812339
GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION
FILE REFERENCE: CL001307
CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
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APPLICANT: SMITH, DOUGLAS
APPLICANT: MAO, JEN-I
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: 617/720-2441
INFORMATION FOR SEQ ID NO: 128:
SEQUENCE CHARACTERISTICS:
LENGTH: 42988 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US/08/311,731A FILING DATE: CLASSIFICATION: 530 ATTORNEY/AGENT INFORMATION: NAME: GATES, EDWARD R. REGISTRATION NUMBER: 31,616 REFERENCE/DOCKET NUMBER: C0044/7125
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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TITLE OF INVENTION: RELATING TO MYCOBACTERIUM TUBERCULOSIS AND LAPRAE
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/720-3500
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ADDRESSEE: WOLF, GREENFIELD & SACKS, P.C.
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                                                                                                                                                                                                                                                                                                                                                                  Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: nucleic acid
STRANDEDNESS: doub
TOPOLOGY: circular
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                                                                                                                                                                                                                                                                                                                                                                                DB 3;
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Query Match
Best Local Similarity
watches 19; Conserva
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US-09-016-434-893
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CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
PRIOR FILING DATE: 2000-09-08
                                                                                                                                                                                                      Datent No. 6500938
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 13606
LENGTH: 119982
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SOFTWARE: FastSEQ for
SEQ ID NO 11844
LENGTH: 119981
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PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: Janice Au-Young
APPLICANT: Jeffrey J. Seilhamer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISBASE, METHODS OF DETECTION AND USES THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILE REFERENCE: CL001307
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Human
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
                                                                                                     TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF SIGNALING TITLE OF INVENTION: PATHWAY GENE EXPRESSION NUMBER OF SEQUENCES: 1490
                                                               CORRESPONDENCE ADDRESS:
ADDRESSEE: INCYTE PHARMACEUTICALS, INC
                                                                                                                                                                                                                                                                                                                                                                                             Local Similarity
nes 19; Conserv
                                 CITY: PALO ALTO
                                                STREET:
COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             56153 AGCGATGAGCAGGAGTGGCTC 56133
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              CALIFORNIA
                                                  3174 PORTER DRIVE
                                                                                                                                                                                                                                                                                                                                                                                               Conservative
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90.5%;
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RESULT 27
US-09-148-545-24
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION: APPLICANT: Rosen et
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches
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CURRENT CURRENT EARLIER EARLIE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Zeller, Karen J.
REGISTRATION NUMBER: 37,071
REFERENCE/DOCKET NUMBER: PA-0
TELECOMMUNICATION INFORMATION:
TELECHONE: (650) 855-0555
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: 70 FILE REFERENCE: PZ001P1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             IMMEDIATE SOURCE:
LIBRARY: SYNORAT03
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS
CURRENT APPLICATION DATA:
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PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
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CLONE: 696484
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TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
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                                                                           RR APPLICATION NUMBER: 60/040,334
RR FILING DATE: 1997-03-07
RR FILING DATE: 1997-03-07
RR FILING DATE: 1997-03-07
RR APPLICATION NUMBER: 60/040,163
RR FILING DATE: 1997-03-07
RR APPLICATION NUMBER: 60/047,615
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FILING DATE:
APPLICATION N
FILING DATE:
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APPLICATION NUMBER: 60/040,162
FILING DATE: 1997-03-07
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APPLICATION NUMBER: 60/040,161
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FILING DATE: 1998-03-06
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FILING DATE: 1998-09-04
                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: 60/040,626 FILING DATE: 1997-03-07
                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE: 1997-03-07
APPLICATION NUMBER: 60/038,621
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FILING DATE: 1997-03-07
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70 Human Secreted Proteins
                           NUMBER: 60/047,600
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Pred. No. 2.2e+02;
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                                        ER APPLICATION NUMBER: 60/048,974
ER FILLING DATE: 1997-06-06
ER APPLICATION NUMBER: 60/056,886
ER FILLING DATE: 1997-08-22
ER APPLICATION NUMBER: 60/056,877
ER FILLING DATE: 1997-08-22
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R APPLICATION NUMBER: 60/047,596

R FILING DATE: 1997-05-23

R APPLICATION NUMBER: 60/047,612

R FILING DATE: 1997-05-23

R APPLICATION NUMBER: 60/047,632
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FILING DATE: 1997-04-11
APPLICATION NUMBER: 60/043,669
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FILING DATE: 1997-05-23
APPLICATION NUMBER: 60/043,580
FILING DATE: 1997-04-11
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APPLICATION NUMBER: 60/047,500
FILING DATE: 1997-05-23
APPLICATION NUMBER: 60/047,587
FILING DATE: 1997-05-23
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APPLICATION NUMBER: 60/047,592
FILING DATE: 1997-05-23
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FILING DATE: 1997-05-23
APPLICATION NUMBER: 60/
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FILING DATE: 1997-04-11
APPLICATION NUMBER: 60/043,569
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APPLICATION NUMBER: 60/047,503
                                                                                                                                                    APPLICATION NUMBER: 60/043,315
                                                                                                                                                                   APPLICATION NUMBER: 60 FILING DATE: 1997-04-1
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APPLICATION NUMBER: 60/043,671
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             APPLICATION NUMBER: 6 FILING DATE: 1997-08-
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APPLICATION NUMBER: 60/047,501
FILING DATE: 1997-05-23
APPLICATION NUMBER: 60/043,670
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APPLICATION NUMBER: 60/
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APPLICATION NUMBER: 60/047,585
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APPLICATION NUMBER: 60/056,892
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APPLICATION NUMBER: 60/056,631
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US-09-621-011-24
Sequence 89, Application US/09148545
PATENT NO. 6589075
GENERAL INFORMATION:
APPLICANT: ROSEN et al.
TITLE OF INVENTION: 70 Human Secreted Proteins
FILE REFERENCE: PZ001P1
CURRENT APPLICATION NUMBER: US/09/148,545
CURRENT FILING DATE: 1998-09-04
EARLIER APPLICATION NUMBER: PCT/US98/04482
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SEQ ID NO 24
LENGTH: 796
TYPE: DNA
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SOFTWARE: PatentIn Ver. 2.
SEQ ID NO 24
LENGTH: 796
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Patent No. 6878687
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CURRENT FILING DATE: 2000-07-20
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EARLIER FILING DATE: 1997-08-22
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FILING DATE: 1997-06-06
APPLICATION NUMBER: 60/057,650
FILING DATE: 1997-09-05
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FILING DATE: 1997-08-22
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PELICATION NUMBER: 60/043,674 TILING DATE: 1997-04-11 PEPLICATION NUMBER: 60/043,669 PEPLICATION NUMBER: 60/043,679 PERICATION NUMBER: 60/043,313 TILING DATE: 1997-04-11 PEPLICATION NUMBER: 60/043,313 TILING DATE: 1997-04-11 PEPLICATION NUMBER: 60/043,313 TILING DATE: 1997-04-11 PEPLICATION NUMBER: 60/043,313 PEPLICATION NUMBER: 60/056,803 PEPLICATION NUMBER: 60/056,803 TILING DATE: 1997-08-22 PEPLICATION NUMBER: 60/056,803 PEPLIC
PELICATION NUMBER: 60/043,674 ILING DATE: 1997-04-11 PELICATION NUMBER: 60/043,669 ILING DATE: 1997-04-11 PELICATION NUMBER: 60/043,313 ILING DATE: 1997-04-11 PELICATION NUMBER: 60/056,803 ILING DATE: 1997-08-22 PELICATION NUMBER: 60/056,807 ILING DATE: 1997-08-23 PELICATION NUMBER: 60/056,807 IL

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RESULT 30
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                                           SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 89
LENGTH: 855
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LENGTH: 855
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TITLE OF INVENTION: 70 Human Secreted Proteins
FILE REFERENCE: PZ001P1
CURRENT APPLICATION NUMBER: US/09/621,011
CURRENT FILING DATE: 2000-07-20
Prior application data removed - consult PALM (NUMBER OF SEQ ID NOS: 280
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ORGANISM: Homo sapiens FEATURE:
                              TYPE: DNA
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APPLICATION NUMBER: 60/047,593
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APPLICATION NUMBER: 60/056,664
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                                                                                                                                                                                                                                                                                                                                                                           Conservative
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; NAME/KEY: SITE
; LOCATION: (103)
; OTHER INFORMATION: n
NAME/KEY: SITE
; LOCATION: (767)
; OTHER INFORMATION: n
NAME/KEY: SITE
; LOCATION: (831)
; OTHER INFORMATION: n
US-09-621-011-89
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Best Local Similarity
Watches 17; Conserva
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US-09-907-794A-126
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CURRENT FILING DATE: 2001-07-17
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR FILING DATE: 1999-07-26
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                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: 10466-14
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PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR APPLICATION NUMBER: PCT/US99/21090
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FILING DATE: 1999-09-15
APPLICATION NUMBER: PCT/US99/23089
FILING DATE: 1999-10-05
                                            FILING DATE: 1999-09-15
APPLICATION NUMBER: PCT/US99/21547
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Mather, Jennie P.
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Hillan, Kenneth, J.
Kljavin, Ivar J.
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Grimaldi, Christopher J.
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Ashkenazi, Avi
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Pred. No.
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APPLICATION NUMBER: PCT/US99/28214

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RESULT 32
US-09-905-125A-126
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PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR PILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR PILING DATE: 1999-12-20
PRIOR FILING DATE: 1999-12-20
PRIOR FILING DATE: 1999-12-20
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SEQ ID NO 126
LENGTH: 1210
TYPE: DNA
ORGANISM: Homo sapiens
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                                                                         APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466 14
CURRENT APPLICATION NUMBER: US/09/905,125A
CURRENT FILING DATE: 2001-07-12
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR FILING DATE: 2000-02-22
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PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
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APPLICANT: Ashkenazi
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Grimaldi, Christopher J.
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Stewart, Timothy A.
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Mather, Jennie P.
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Hillan, Kenneth, J.
Kljavin, Ivar J.
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Gerritsen, Mary E
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Filvaroff, Ellen
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Botstein, David
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100.0%; Pred. No. 2.4e+02;
tive 0; Mismatches 0;
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RESULT 33
US-09-902-775A-126
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; ORGANISM: Homo sapiens
US-09-905-125A-126
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SEQ ID NO 126
LENGTH: 1210
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APPLICANT: Genentech, Inc.
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Best Local Similarity
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FILING DATE: 1999-12-02
APPLICATION NUMBER: PCT/US99/28565
FILING DATE: 1999-12-02
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APPLICATION NUMBER: PCT/US99/21547
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APPLICATION NUMBER: PCT/US99/30911
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APPLICATION NUMBER: PCT/US99/20594
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                                                                                 Godowski, Paul J.
Grimaldi, Christopher J.
Gurney, Austin L.
Hillan, Kenneth, J.
Kljavin, Ivar J.
Mather, Jennie P.
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                                                                     Pan,
Stewart, Timo
Tumas, Daniel
               Roy, Margaret Ann
Stewart, Timothy A.
                                                    Paoni,
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Gerritsen, Mary E.
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Filvaroff, Ellen
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Eaton, Dan L.
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Botstein, David
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                                                                   James
                                                    Nicholas F.
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100.0%; Pred. No.
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; ORGANISM: Homo sapiens
US-09-902-775A-126
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PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR PELICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR APPLICATION NUMBER: PCT/US99/21090
                                                                                                                                                                                                                                  Sequence 126, App
Patent No. 672353
                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local
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LENGTH: 1210
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PRIOR FILING DATE: 2000-01-05
NUMBER OF OT THE PRIOR FILING DATE: 2000-01-05
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PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
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PRIOR FILING DATE: 2000-02-22
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APPLICANT
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ITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic ITLE OF INVENTION: Acids Encoding the Same
              PPLICANT
                                  PPLICANT:
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APPLICATION NUMBER: PCT/US99/30095
FILING DATE: 1999-12-16
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FILING DATE: 1999-12-02
APPLICATION NUMBER: PCT/US99/28565
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17; Conserv
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                                                 Fong, Sherman
Gao, Wei-Qiang
                                                                                  Eaton, Dan L.
Ferrara, Napoleone
Filvaroff, Ellen
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Botstein, David
              Gerritsen, Mary E.
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100.0%; Pr
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-906-700-126
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SEQ ID NO 126
LENGTH: 1210
                                                                        Matches
                                                                                                             Query Match
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APPLICANT:
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PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
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PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
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                                                                      Local Similarity
mes 17; Conserv
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APPLICATION NUMBER: PCT/US99/30095
FILING DATE: 1999-12-16
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APPLICATION NUMBER: PCT/US99/21547
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FILING DATE: 1999-12-02
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FILING DATE: 1999-11-30
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APPLICATION NUMBER: PCT/US99/23089
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282
                                     1 AGCGATGAGGAGGAGTG 17
AGCGATGAGGAGGAGTG
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Mather, Jennie P.
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Hillan, Kenneth, J.
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Grimaldi, Chris
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                                                                          Conservative
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art, Timothy
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                                                                                           81.0%;
100.0%;
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Pred. No.
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                                                                          Mismatches
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US-09-903-603A-126 US-09-903-603A-126 ; Sequence 126, Application US/09903603A ; Patent No. 6767995

GENERAL INFORMATION:

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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-903-603A-126
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CURRENT FILING DATE: 2001-07-11
PRIOR APPLICATION NUMBER: CT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR PPLICATION NUMBER: US 60/145,698
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR FILING DATE: 1999-07-28
                                                                                                                        NUMBER OF SEQ ID NOS: 423
SEQ ID NO 126
LENGTH: 1210
Query Match
Best Local Similarity
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PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: GNE.1618P2C12
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PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
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PRIOR APPLICATION NUMBER: PCT/US99/21090
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PRIOR APPLICATION NUMBER: PCT/US99/20944
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APPLICATION NUMBER: PCT/US99/28313
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FILING DATE: 1999-12-02
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APPLICATION NUMBER: PCT/US99/21547
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Grimaldi, Christopher J.
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Filvaroff, Ellen
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Eaton, Dan L.
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Hillan, Kenneth, J.
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art, Timothy A.
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81.0%;
100.0%;
Score 17;
Pred. No.
  DB 3; L
2.4e+02;
                 Length 1210;
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RESULT 36
US-09-904-920A-126
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Patent No. 6806352
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
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CURRENT APPLICATION NUMBER: US/09/904,920A
CURRENT FILING DATE: 2001-07-13
PRIOR APPLICATION NUMBER: PCT/US00/04414
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                                                                                                                                                                                                                                                   PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: PCT/US99/21547
                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: US 60/146,222 PRIOR FILING DATE: 1999-07-28
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PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
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FILING DATE: 1999-09-13
                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: PCT/US99/20594 FILING DATE: 1999-09-08
                                                                                                                         APPLICATION NUMBER: PCT/US99/28564 FILING DATE: 1999-12-02
                                                                                                                                                                                                                  APPLICATION NUMBER: PCT/US99/28214
                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: PCT/US99/21090
                                                              FILING DATE: 1999-12-02
APPLICATION NUMBER: PCT/US99/30095
                                                                                                        APPLICATION NUMBER: PCT/US99/28565
                                                                                                                                                               FILING DATE: 1999-11-30
                                                                                                                                                                              APPLICATION NUMBER: PCT/US99/28313
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                                APPLICATION NUMBER: PCT/US99/30911
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Mather, Jennie P.
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Stewart, Timothy A.
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Hillan, Kenneth, J.
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Grimaldi, Christopher
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Gerritsen, Mary E.
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Filvaroff, Ellen
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Eaton, Dan L.
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PCT/US99/30999
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; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 126
; LENGTH: 1210
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-904-920A-126
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CURRENT FILING DATE: 2001-07-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR FILING DATE: 1999-07-26
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
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Best Local
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APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
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                                                                                                                                                        FILING DATE: 1999-07-28
APPLICATION NUMBER: PCT/US99/20594
FILING DATE: 1999-09-08
                                       FILING DATE: 1999-09-15
APPLICATION NUMBER: PCT/US99/21547
FILING DATE: 1999-09-15
APPLICATION NUMBER: PCT/US99/23089
                                                                                                        APPLICATION NUMBER: PCT/US99/20944
FILING DATE: 1999-09-13
APPLICATION NUMBER: PCT/US99/21090
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Gao, Wei-Qiang
Gerber, Hanspeter
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Botstein, David
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Mather, Jennie P.
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Hillan, Kenneth, J.
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art, Timothy A.
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ms, P. Mickey
1999-10-05
1999-10-05
1008-10-05
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f, Ellen
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Mary E.
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RESULT 38
US-09-905-381A-126
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SEQ ID NO 126
LENGTH: 1210
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Best Local Similarity
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                                            CURRENT APPLICATION NUMBER: US/09/905,381A CURRENT FILING DATE: 2001-07-13 PRIOR APPLICATION NUMBER: PCT/US00/04414 PRIOR FILING DATE: 2000-02-22 PRIOR APPLICATION NUMBER: US 60/143,048 PRIOR FILING DATE: 1999-07-07
                                                                                                                                             APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
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PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
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APPLICATION NUMBER: PCT/US99/30911
FILING DATE: 1999-12-20
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FTLING DATE: 1999-11-30
APPLICATION NUMBER: PCT/US99/28564
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FILING DATE: 1999-12-20
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APPLICATION NUMBER: PCT/US99/28565
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Cao, Wei-Qiang
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Stewart, Timothy A.
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Mather, Jennie P.
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Hillan, Kenneth, J.
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Grimaldi, Christopher J.
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Gerritsen, Mary E.
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Filvaroff, Ellen
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100.0%; Pr/
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Pred. No.
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2.4e+02;
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RESULT 39
US-09-906-618-126
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SEQ ID NO 126
LENGTH: 1210
TYPE: DNA
ORGANISM: Homo sapiens
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APPLICANT:
APPLICANT:
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PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
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                    APPLICANT
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OR APPLICATION NUMBER: PCT/US99/28214
OR FILING DATE: 1999-11-29
OR APPLICATION NUMBER: PCT/US99/28313
OR FILING DATE: 1999-11-30
OR APPLICATION NUMBER: PCT/US99/28564
OR APPLICATION NUMBER: PCT/US99/28565
OR APPLICATION NUMBER: PCT/US99/28565
OR FILING DATE: 1999-12-02
OR FILING DATE: 1999-12-02
OR FILING DATE: 1999-12-02
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APPLICATION NUMBER: PCT/US99/20594
FILING DATE: 1999-09-08
APPLICATION NUMBER: PCT/US99/20944
FILING DATE: 1999-09-13
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FILING DATE: 1999-09-15
APPLICATION NUMBER: PCT/US99/23089
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FILING DATE: 1999-12-20
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                                                                                                                                                                                                                                                                                                                                                                     Genentech,
                                                                                                         Gurney, Austin L. Hillan, Kenneth, J. Kljavin, Ivar J. Mather, Jennie P.
Tumas, Daniel
Williams, P. Mickey
Wood, William, I.
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                                                                                                                                                                  Godowski, Paul J.
Grimaldi, Christopher J.
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Botstein, David
                                            Roy, Margaret Ann
Stewart, Timothy A.
                                                                                                                                                                                                              Gerber, Hanspeter
Gerritsen, Mary E.
                                                                                              Pan,
                                                                                                                                                                                                 Goddard, A.
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Eaton, Dan L.
                                                                              Paoni,
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                                                                                              James
                                                                              Nicholas F.
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f, Ellen
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Pred. No.
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2.4e+(
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RESULT 40
US-09-906-646-126
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US-09-906-618-126
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LENGTH: 1210
                                                                                                                                                                                                                                          GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                       Matches
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Best Local Similarity
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               APPLICANT:
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PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR APPLICATION NUMBER: US 60/146,222
                                                                                                                                                                                                      APPLICANT: Genentech, Inc. APPLICANT: Ashkenazi, Avi
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APPLICANT
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APPLICATION NUMBER: PCT/US99/23089
FILING DATE: 1999-10-05
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FILING DATE: 1999-09-08
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APPLICATION NUMBER: PCT/US99/28564
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APPLICATION NUMBER: PCT/US99/28313
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FILING DATE: 1999-11-29
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APPLICATION NUMBER: PCT/US99/30911
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APPLICATION NUMBER: PCT/US99/28565
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                                                                                                                                                          Ashkenazi, Avi
Botstein, David
Desnoyers, Luc
                                                 Fong, Sherman
Gao, Wei-Qiang
Gerber, Hanspeter
                                                                                                         Eaton, Dan L.
Ferrara, Napoleone
Filvaroff, Ellen
               Gerritsen, Mary E. Goddard, A.
                                                                                                       Filvaroff,
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100.0%; Pred. No. 2.4e+
tive 0; Mismatches
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Grimaldi,

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RESULT 41
US-09-904-462-126
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                                                                                                                                                                                                                                                                                                    ; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-906-646-126
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PRIOR FILING DATE: 1999-07-07
PRIOR PELICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR FILING DATE: 1999-07-08
PRIOR FILING DATE: 1999-09-08
                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 126
LENGTH: 1210
Sequence 126, Application US/09904462
Patent No. 6878807
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
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Best Local S
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APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
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PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
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PRIOR FILING DATE: 2000-02-22
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APPLICATION NUMBER: PCT/US99/30095
FILING DATE: 1999-12-16
APPLICATION NUMBER: PCT/US99/30911
FILING DATE: 1999-12-20
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FILING DATE: 1999-11-29
APPLICATION NUMBER: PCT/US99/28313
FILING DATE: 1999-11-30
APPLICATION NUMBER: PCT/US99/28564
FILING DATE: 1999-12-02
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FILING DATE: 1999-12-20
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Hillan, Kenneth, J.
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art, Timothy A.
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100.0%; Pr
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                                                                                                                                                       298
                                                                                                                                                                                                                                                   Score 17; DB 3;
Pred. No. 2.4e+
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                                                                                                                                                                                                                                                                   Length 1210;
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US-09-904-462-126
                  SEQ ID NO 126
LENGTH: 1210
TYPE: DNA
ORGANISM: Homo :
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PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
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CURRENT APPLICATION NUMBER: US/09/904,462
CURRENT FILING DATE: 2001-07-13
PRIOR APPLICATION NUMBER: 09/665,350
PRIOR FILING DATE: 2000-09-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR APPLICATION STATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
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PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION UMMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
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APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
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                                                                                                                                                                                                                    APPLICATION NUMBER: PCT/US99/28565
FILING DATE: 1999-12-02
APPLICATION NUMBER: PCT/US99/30095
FILING DATE: 1999-12-16
APPLICATION NUMBER: PCT/US99/30911
                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: PCT/US99/28214
FILING DATE: 1999-11-29
APPLICATION NUMBER: PCT/US99/28313
                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: PCT/US99/28564 FILING DATE: 1999-12-02
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Stewart, Timothy A.
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Mather, Jennie P.
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Hillan, Kenneth, J.
Kljavin, Ivar J.
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Botstein, David
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                     Sapien
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ff, Ellen
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US-09-902-736A-126
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR APPLICATION NUMBER: PCT/US99/30911
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PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
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PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
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PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
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APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
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APPLICATION NUMBER: PCT/US99/21547
FILING DATE: 1999-09-15
APPLICATION NUMBER: PCT/US99/23089
FILING DATE: 1999-10-05
                                                                                                                                                     APPLICATION NUMBER: PCT/US99/28313
                                                                                                                                                                     APPLICATION NUMBER: PCT/US99/28214 FILING DATE: 1999-11-29
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APPLICATION NUMBER: PCT/US99/21090
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Williams, P. Mickey
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Mather, Jennie P.
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Hillan, Kenneth, J.
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Filvaroff, Ellen
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Eaton, Dan L.
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Botstein, David
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art, Timothy A.
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PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 126
LENGTH: 1210
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Best Local (
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: GNE.1618P2C61
CURRENT APPLICATION NUMBER: US/09/906,722A
CURRENT FILING DATE: 2001-07-16
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR FILING DATE: 1099-07-07
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR FILING DATE: 1999-07-26
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APPLICANT:
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ORGANISM: Homo sapiens
 FILING DATE: 1999-09-15
APPLICATION NUMBER: PCT/US99/23089
                                       APPLICATION NUMBER: PCT/US99/21547
                                                           APPLICATION NUMBER: PCT/US99/21090 FILING DATE: 1999-09-15
                                                                                                FILING DATE: 1999-09-13
                                                                                                              FILING DATE: 1999-09-08
APPLICATION NUMBER: PCT/US99/20944
                                                                                                                                                   APPLICATION NUMBER: PCT/US99/20594
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o. 694626;
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Stewart, Timothy A.
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Mather, Jennie P.
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Hillan, Kenneth, J.
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Grimaldi, Christopher
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Eaton, Dan L.
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US-08-311-731A-124/c
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-906-722A-126
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: SMITH, DOUGLAS
APPLICANT: MAO, JEN-I
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
                                                                                                 TELEFAX: 617/720-2441
INFORMATION FOR SEQ ID NO: 124:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS: 423
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: PCT/US99/28565
                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
NAME: GATES, EDWAAD R.
REGISTRATION NUMBER: 31,616
REFERENCE/DOCKET NUMBER: CO
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                SOFTWARE: PatentIn Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES
TITLE OF INVENTION: RELATING TO MYCOBACTERIUM TUBERCULOSIS AND LAPRAE
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES:
                                 LENGTH: 36033 base pairs TYPE: nucleic acid STRANDEDNESS: double
                                                                                                                                                          TELEPHONE:
                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: FILING DATE: CLASSIFICATION: 530
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: BOSTON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Local
  TOPOLOGY: C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     282 AGCGATGAGGAGGAGTG 298
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                                                                                                                                         617/720-2441
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                     circular
                                                                                                                                                              617/720-3500
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GREENFIELD & SACKS, P.C.
(genomic)
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                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: WO 9200272

FILING DATE: 06-FEB-1992

PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 91403352.7

FILING DATE: 10-DEC-1991

PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 91402590.3

FILING DATE: 27-SEP-1991

PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 91400318.1

APPLICATION NUMBER: EP 91400318.1
                                                                                                                                                        TELEFAX: 612-332-9081
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 2370 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
                                                 MOLECULE TYPE: I
ORIGINAL SOURCE:
ORGANISM: Oryz
 FEATURE:
NAME/KEY:
LOCATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: MYCOBACTERIUM LEPRAE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                              REFERENCE/DOCKET NUMBER: 80
TELECOMMUNICATION INFORMATION:
TELEPHONE: 612-332-5300
                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: EP 9140031
FILING DATE: 08-FEB-1991
ATTORNEY/AGENT INFORMATION:
NAME: Kowalchyk, Katherine M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      HYPOTHETICAL:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US/08/104,072B FILING DATE: 05-AUG-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STREET: 3100 No. : CITY: Minneapolis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY: U
ZIP: 55402
                                                                                                                                                                                                                                                                                     REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE:
                                                                                                            TOPOLOGY:
                                                                                                                                          TYPE: nucleic acid
                                                                                                                       STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           19152 AGCGATGAGGTGGAGCGGCG 19133
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3100 No. 5639948west Center
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Komari, Tosihiko
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promoter
1..1808
                                                       Oryza sativa
                                                                                                          linear
                                                                                        DNA (genomic)
                                                                                                                         double
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RESULT 46
US-08-351-413-8/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                               PRILING DATE:

EILING DATE:

CLASSIFICATION: 800

PRIOR APPLICATION DATA:

APPLICATION UNMBER: US 07/899,072

FILING DATE: 12-UTW-1992

PRIOR APPLICATION DATA:

PRIOR APPLICATION NUMBER: US 07/970,849
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
                                                                                                TELEX: 248345
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
NAME: Svensson, Leonard R.
REGISTRATION NUMBER: 30,330
REFERENCE/DOCKET NUMBER: 212:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 205-8000
TELEPAX: (703) 205-8050
         STRANDEDNESS:
TOPOLOGY: lin
MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: ISM PC compatible
COMPUTER: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STREET: BLLV CITY: Falls Church STATE: Virginia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: OTHER INFORMATION: FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Williams, Mark APPLICANT: Leemans, Jan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Leemans, Jan
TITLE OF INVENTION: Maintenance of male-sterile plants
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME/KEY:
LOCATION:
                                                    TYPE: nucleic acid
                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US 0 FILING DATE: 03-NOV-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: OTHER INFORMATION:
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LOCATION:
                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY: misc_feature LOCATION: 1809
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE:
                                                                                LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1856 GATGAGGAGGAGGGCCC 1839
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                                                                              2370 base pairs
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1748..1755
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1780
                                linear
ð
              DNA (genomic)
                                                 double
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94.4%;
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initiation"
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T42"
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                                                                                                                                                                                                                     30,330
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Pred. No. 4.7e+02;
0; Mismatches 1;
                                                                                                                                                                                                        2121-102PCT
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RESULT 47
US-09-025-583-8/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Patent No. 5977433
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 8, Application US/09025583 Patent No. 5977433
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Best Local S
       APPLICATION NUMBER: US 07/899,072
FILING DATE: 12-UN-1992
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US 07/970,849
FILING DATE: 03-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: Svensson, Leonard R.
REGISTRATION NUMBER: 30,330
REFERENCE/NOVER NAMEDED: 30,330
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FEATURE:
NAME/KEY:
LOCATION: 17
                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
                                                                                                                                                                        CLASSIFICATION: 800 PRIOR APPLICATION NUMBER: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Williams, Mark
APPLICANT: Leemans, Jan
TITLE OF INVENTION: Maintenance of male-sterile
NUMBER OF SEQUENCES: 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
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STRAIN: Akihikari
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                                                                                                                                                                                                                                                                                                                                                                                                                STATE: Virginia
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REFERENCE/DOCKET NUMBER:
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94.4%;
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/note= "ATG start of translation of rice T42 gene"
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site determined by primer extension"
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/note= "TATA
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promoter PT42"
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2121-102PCT
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Pred. No. 4.7e+02;
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TELECOMMUNICATION INFORMATION: TELEPHONE: (703) 205-8000

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                                                                                                                      APPLICANT: Gordon, Stephen
APPLICANT: Billault, Alain
TITLE OF INVENTION: METHOD FOR ISOLATING A POLYNUCLEOTIDE OF INTEREST FROM
TITLE OF INVENTION: THE GENOME OF A MYCOBACTERIUM USING A BAC-BASED DNA
TITLE OF INVENTION: LIBRARY APPLICATION TO THE DETECTION OF MYCOBACTERIA
FILE REFERENCE: 3495-0169
CURRENT APPLICATION NUMBER: US/09/060,756
CURRENT FILING DATE: 1998-04-16
NUMBER OF SEQ ID NOS: 743
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 60
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Best Local Similarity 94.4
17; Conservative
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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NAME/KEY: unsure LOCATION: (various positions within the sequence) OTHER INFORMATION: applicants are uncertain of bases
                                                       TYPE: DNA ORGANISM: Mycobacterium tuberculosis FEATURE:
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NAME/KEY:
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/note= "ATG
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site determined by primer extension"
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/note= "TATA Box"
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promoter PT42"
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Pred. No. 4.7e+02;
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US-09-670-314-60/c
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CURRENT FILING DATE 2001-01-12
PRIOR APPLICATION NUMBER: 09/060,756
PRIOR FILING DATE: 1998-04-16
NUMBER OF SEQ ID NOS: 743
SEQFIWARE: Patentin Ver. 2.0
SECTION OF SEQ ID NOS TABLES
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; ORGANISM: Human
US-09-949-016-89946
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                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS
FILE REFERENCE: CL001307
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                                                       NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FASTSEQ for Windows Version
SEQ ID NO 89946
LENGTH: 601
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APPLICANT: Buchrieser-Brosch, Roland
APPLICANT: Buchrieser-Brosch, Roland
APPLICANT: Gordon, Stephen
APPLICANT: Billault, Alain
TITLE OF INVENTION: METHOD FOR ISOLATING A POLYNUCLEOTIDE OF INTEREST FROM
TITLE OF INVENTION: LIBRARY APPLICATION TO THE DETECTION OF MYCOBACTERIA
TITLE OF INVENTION: LIBRARY APPLICATION TO THE DETECTION OF MYCOBACTERIA
FILE REFERENCE: 3495-0169
                                                                                                                                                                              CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
                                                                                                                     PRIOR APPLICATION NUMBER: 60/231,498 PRIOR FILING DATE: 2000-09-08 NUMBER OF SEQ ID NOS: 207012
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LOCATION: (various positions within the sequence)
OTHER INFORMATION: applicants are uncertain of bases designated
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                                        TYPE: DNA
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1: /cgn2_6/ptodata/1/pubpna/US07_PUBCOMB.seq:*

2: /cgn2_6/ptodata/1/pubpna/US08_PUBCOMB.seq:*

3: /cgn2_6/ptodata/1/pubpna/US09A_PUBCOMB.seq:*

4: /cgn2_6/ptodata/1/pubpna/US09A_PUBCOMB.seq:*

5: /cgn2_6/ptodata/1/pubpna/US10A_PUBCOMB.seq:*

6: /cgn2_6/ptodata/1/pubpna/US10B_PUBCOMB.seq:*

7: /cgn2_6/ptodata/1/pubpna/US10B_PUBCOMB.seq:*

9: /cgn2_6/ptodata/1/pubpna/US10B_PUBCOMB.seq:*

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APPLICANT: Magdelena, J

APPLICANT: Magdelena, J

APPLICANT: Magdelena, J

APPLICANT: Supply, P

APPLICANT: Supply, P

APPLICANT: Supply, P

APPLICANT: Nucht, C

TITLE OF INVENTION: MICLEIC ACID FRACMENTS AND THEIR APPLICATIONS FOR THE

TITLE OF INVENTION: DETECTION AND DIFFERENTIAL DIAGNOSIS OF M. TUBERCULOSIS

TITLE OF INVENTION: COMPLEX MEMBERS

FILE REFERENCE: 408.014

CURRENT APPLICATION NUMBER: US/10/086,206

CURRENT APPLICATION NUMBER: PCT/FR97/01483

PRIOR APPLICATION NUMBER: PCT/FR97/01483

PRIOR APPLICATION NUMBER: FR 96/10277

PRIOR APPLICATION NUMBER: TR 96/10277
                      RESULT 2
US-10-259-678-526/c
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Sequence 526, A Publication No.
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Application US/10259678 o. US20030198974A1
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172214,
87528, A
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88642, A
25458, A
554, App
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12738, A
12734, Ap
95690, A
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29516, A
24301, A
33381, A
127471,
76699, A
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APPLICANT: Gordon, Stephen
APPLICANT: Billault, Alain
INTILE OF INVENTION: METHOD FOR ISOLATING A POLYNUCLECTIDE OF INTEREST FROM
TITLE OF INVENTION: THE GENOME OF A MYCOBACTERIUM USING A BAC-BASED DNA
TITLE OF INVENTION: LIBRARY APPLICATION TO THE DETECTION OF MYCOBACTERIA
FILE REFERENCE: 3495-0169
CURRENT APPLICATION NUMBER: US/10/259,678
CURRENT FILING DATE: 2002-09-30
PRIOR APPLICATION NUMBER: US/09/060,756
PRIOR APPLICATION NUMBER: US/09/060,756
PRIOR APPLICATION NUMBER: US/09/060,756
INUMBER OF SEQ ID NOS: 743
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 526
LENGTH: 173
TYPE: DNA
ORGANISM: Mycobacterium tuberculosis
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APPLICANT: Billault, Alain
TITLE OF INVENTION: METHOD FOR ISOLATING A POLYNUCLEOTIDE OF INTEREST FROM
TITLE OF INVENTION: THE GENOME OF A MYCOBACTERIUM USING A BAC-BASED DNA
TITLE OF INVENTION: LIBRARY APPLICATION TO THE DETECTION OF MYCOBACTERIA
FILE REFERENCE: 3495-0169
CURRENT APPLICATION NUMBER: US/10/259,678
CURRENT FILING DATE: 2002-09-30
PRIOR APPLICATION NUMBER: US/09/060,756
PRIOR APPLICATION NUMBER: US/09/060,756
PRIOR FILING DATE: 1998-04-16
NUMBER OF SEQ ID NOS: 743
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 597
LENGTH: 234
Sequence 586, Application US/10259678
Publication No. US20030198974A1
GENERAL INFORMATION:
APPLICANT: Cole, Stewart
APPLICANT: Buchrieser-Brosch, Roland
APPLICANT: Gordon, Stephen
APPLICANT: Billault, Alain
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APPLICANT: Cole, SI
APPLICANT: Buchrie
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Best Local
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APPLICANT: Buchrieser-B
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Pred. No. 5
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Pred. No. 50;
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SEQ ID NO 635
LENGTH: 376
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SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 586
LENGTH: 241
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                                                                                                                                                                                                                          Sequence 521, Application US/10259678 Publication No. US20030198974A1
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Best Local Similarity
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APPLICANT: Buchrieser-Brosch, Roland
APPLICANT: Buchrieser-Brosch, Roland
APPLICANT: Billault, Alain
TITLE OF INVENTION: METHOD FOR ISOLATING A POLYNUCLEOTIDE OF INTEREST FROM
TITLE OF INVENTION: THE GENOME OF A MYCOBACTERIUM USING A BAC-BASED DNA
TITLE OF INVENTION: LIBRARY APPLICATION TO THE DETECTION OF MYCOBACTERIA
FILE REFERENCE: 3495-0169
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CURRENT APPLICATION NUMBER: US/10/259,678
CURRENT FILING DATE: 2002-09-30
PRIOR APPLICATION NUMBER: US/09/060,756
PRIOR FILING DATE: 1998-04-16
                 APPLICANT: Cole, Stewart
APPLICANT: Buchriser-Brosch, Roland
APPLICANT: Buchriser-Brosch, Roland
APPLICANT: Billault, Alain
APPLICANT: BILLE OF INVENTION: LIBRARY APPLICATION TO THE DETECTION OF MYCOBACTERIA
FILE REFERENCE: 3495-0169
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PRIOR APPLICATION NUMBER: US/09/060,756
PRIOR FILING DATE: 1998-04-16
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CURRENT FILING DATE: 2002-09-30
CURRENT APPLICATION NUMBER: US/10/259,678
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llarity 95.2%;
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Pred. No. 49;
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Pred. No. 4
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; LENGTH: 406
; TYPE: DNA
; ORGANISM: Mycobacterium tuberculosis
US-10-259-678-521
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                                                      ; ORGANISM: Mycobacterium avium US-10-282-122A-26008
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                                                                                                        Remaining Prior Application data removed - See File Wrapper or PALM. NUMBER OF SEQ ID NOS: 78614
SOFTWARE: PatentIn version 3.1
SEQ ID NO 26008
LENGTH: 936
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Query Match
Best Local Similarity
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PRIOR APPLICATION NUMBER: US/09/060,756
PRIOR FILING DATE: 1998-04-16
NUMBER OF SEQ ID NOS: 743
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: Identification of Essential Genes in Microorganisms FILE REFERENCE: ELITRA.034A CURRENT APPLICATION NUMBER: US/10/282,122A CURRENT FILING DATE: 2003-02-20 PRIOR APPLICATION NUMBER: 60/191,078
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APPLICANT:
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APPLICANT: Zamudio, Carlo
APPLICANT: Malone, Chery
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PRIOR APPLICATION NUMBER: 60/206,848
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                                                                                             TYPE: DNA
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APPLICATION NUMBER: 60/242,578
FILING DATE: 2000-10-23
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                                                                                                                                                                                                                                             APPLICATION NUMBER: 60/267,636 FILING DATE: 2001-02-09
                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: 60/257,931
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Zyskind, Judith
Wall, Daniel
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lio, Carlos
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95.2%;
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 92.4%;
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Pred. No. 46
 Score 19.4;
Pred. No. 41;
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PRIOR FILING DATE: 2000-03-21
PRIOR APPLICATION NUMBER: 60/206,848
PRIOR FILING DATE: 2000-05-23
PRIOR APPLICATION NUMBER: 60/207,727
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: 60/230,335
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Matches
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NUMBER OF SEQ ID NOS: 78614
SOFTWARE: PatentIn version 3.1
SEQ ID NO 26164
LENGTH: 1287
                                                 Sequence 28483, Application US/10282122A Publication No. US20040029129A1 GENERAL INFORMATION:
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Publication No. US20040029129A1
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                                                                                                                                                                                                                                                                                             Query Match
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TITLE OF INVENTION: Identification of Essential Genes in FILE REFERENCE: ELITRA.034A
CURRENT APPLICATION NUMBER: US/10/282,122A
CURRENT FILING DATE: 2003-02-20
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APPLICANT: Wang, Liangsu
APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
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PRIOR TILING DATE: 2000-09-09
PRIOR APPLICATION NUMBER: 60/242,578
PRIOR FILING DATE: 2000-10-23
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: 60/269,308 PRIOR FILING DATE: 2001-02-16
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                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Mycobacterium bovis
                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
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Malone, Cheryl
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Pred. No. 4
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; TYPE: DNA
; ORGANISM: Mycobacterium tuberculosis
US-10-282-122A-28483
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NUMBER OF SEQ ID NOS: 78614
SOFTWARE: PatentIn version 3.1
SEQ ID NO 20483
LENGTH: 1290
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APPLICANT: NIELSEN, I
APPLICANT: OETTINGER
APPLICANT: RASMUSSEN,
APPLICANT: ROSENKRANI
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              APPLICANT: WELDINGH, KARIN
APPLICANT: FLORIO, Walter
TITLE OF INVENTION: NUCLEIC ACIDS FRAGMENTS AND POLYPEPTIDE FRAGMENTS
TITLE OF INVENTION: DERIVED FROM M. TUBERCULOSIS
FILE REFERENCE: 670001-2002.1
CURRENT APPLICATION NUMBER: US/09/791,171
CURRENT FILING DATE: 2001-02-20
PRIOR APPLICATION NUMBER: 09/050,739
PRIOR APPLICATION NUMBER: 0376/97
PRIOR PILING DATE: 1998-03-30
PRIOR PILING DATE: 1998-03-30
PRIOR FILING DATE: 1997-04-02
PRIOR FILING DATE: 1997-04-02
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PRIOR APPLICATION NUMBER: 60/230,335
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APPLICATION NUMBER: 1277/97
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RASMUSSEN, Peter Birk
ROSENKRANDS, Ida
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Zyskind, Judith
Wall, Daniel
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Pred. No. 4
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PRIOR FILING DATE: 1997-11-10

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; TYPE: DNA ; ORGANISM: Mycobacterium tuberculosis US-09-791-171-71.
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SEQ ID NO 71
LENGTH: 1890
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Publication No.
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Best Local (
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LENGTH: 1890
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Best Local S
                                                                    APPLICANT: ROSENKRANDS, Ida
APPLICANT: WELDINGH, KARIN
APPLICANT: FLORIO, WALTER
APPLICANT: FLORIO, WALTER
TITLE OF INVENTION: NUCLERIC ACIDS FRAGMENTS AND POLYPEPTIDE FRAGMENTS
TITLE OF INVENTION: DERIVED FROM M. TUBERCULOSIS
FILE REFERENCE: 670001-2002.1A
CURRENT FILING DATE: 2003-07-15
PRIOR APPLICATION NUMBER: US/10/620,246
CURRENT FILING DATE: 2003-07-15
PRIOR APPLICATION NUMBER: 09/050,739
PRIOR APPLICATION NUMBER: 09/050,739
PRIOR FILING DATE: 1998-03-30
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CURRENT FILING DATE: 2001-03-12
NUMBER OF SEQ ID NOS: 257
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APPLICANT: Anderson, Peter
TITLE OF INVENTION: M. Tuberculosis Antigens
FILE REFERENCE: 670001-2002.4
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PRIOR FILING DATE: 1997-04-18
PRIOR APPLICATION NUMBER: 60/070,488
PRIOR FILING DATE: 1998-01-05
NUMBER OF SEQ ID NOS: 173
                                                                                                                                                                                                                                                                     APPLICANT: ANDERSEN, Peter APPLICANT: NIELSEN, Rikke APPLICANT: OBTTINGER, Tho APPLICANT: RASMUSSEN, Pet
PRIOR APPLICATION NUMBER: 0376/97
PRIOR FILING DATE: 1997-04-02
PRIOR APPLICATION NUMBER: 1277/97
PRIOR FILING DATE: 1997-11-10
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Similarity 95.2%;
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RASMUSSEN, Peter Birk
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Pred. No. 3
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Pred. No. 3
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                                                                                                                                    ; OTHER INFORMATION: Complete DNA sequence of RD1 Rv3867-3877
US-10-510-021-2
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NUMBER OF SEQ ID NOS: 173
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 71
                                                                                Query Match
Best Local :
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NUMBER OF SEQ ID NOS: 75
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 2
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APPLICANT: Pym, /
APPLICANT: Brosci
APPLICANT: Brodir
APPLICANT: Majles
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Publication No.
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Best Local :
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CURRENT APPLICATION NUMBER: US/10/510,021
CURRENT FILING DATE: 2004-10-01
                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Leclerc, Claude
TITLE OF INVENTION: Identification of virulence associated regions RD1 and
TITLE OF INVENTION: RD5 leading to improve vaccine of M. bovis BCG and M.
TITLE OF INVENTION: microti
                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: PCT/IB03/01789 PRIOR FILING DATE: 2003-04-01
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                                                                                                                                                                     ORGANISM: mycobacterium tuberculosis FEATURE:
                                                                                                                                                                                                       TYPE: DNA
                                                                                                                                                                                                                       LENGTH: 13773
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FILING DATE: 1999-10-08
APPLICATION NUMBER: 60/116,673
FILING DATE: 1999-01-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: 09/791,171 FILING DATE: 2001-02-20
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5982
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                              1 AGCGATGAGGAGGAGTGGCGC 21
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AGCGATGAGGAGGAGCGGCGC 6002
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Demangel, Caroline
Leclerc, Claude
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Brosch, Roland
Brodin, Priscille
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Pred. No. 29;
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Pred. No. 3
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APPLICANT: Majlessi, Laleh
APPLICANT: Majlessi, Laleh
APPLICANT: Demangel, Caroline
APPLICANT: Leclerc, Claude
TITLE OF INVENTION: RD5 leading to improve vaccine of M. bovis BCG and
TITLE OF INVENTION: RD5 leading to improve vaccine of M. bovis BCG and
TITLE OF INVENTION: MCICTOTI
FILE REFERENCE: D20217
CURRENT APPLICATION NUMBER: US/10/510,021
CURRENT FILING DATE: 2004-10-01
PRIOR APPLICATION NUMBER: PCT/IB03/01789
PRIOR APPLICATION NUMBER: PCT/IB03/01789
PRIOR APPLICATION NUMBER: PC0/290864
PRIOR FILING DATE: 2003-04-01
PRIOR APPLICATION NUMBER: BP 02/290864
PRIOR FILING DATE: 2002-04-05
NUMBER OF SEQ ID NOS: 75
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 1
LENGTH: 31808
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; OTHER INFORMATION: Clone ID: PAT_MRT4530_97878C
US-10-437-963-100131
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APPLICANT: Kovalic, David K.
APPLICANT: Zhou, Yihua
APPLICANT: Zhou, Yongwei
APPLICANT: Wu, Wei
APPLICANT: Wu, Wei
APPLICANT: Boukharov, Andrey A
                                                                                                                                                                                                                         NUMBER OF SEQ ID NOS: 204966
SEQ ID NO 100131
LENGTH: 399
TYPE: DNA
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                                                                 Query Match
Best Local 9
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Best Local (
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                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement FILE REFERENCE: 38-21(5321)B CURRENT APPLICATION NUMBER: US/10/437,963 CURRENT FILING DATE: 2003-05-14
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                                                                                                                                                                                                ORGANISM: Oryza sativa
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      CGATGAGGAGGAGTGGCGC 21
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                                                                   Score 19;
Pred. No.
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Pred. No. 26;
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                                                 Mismatches
                                                                 DB 7; Length 399; 69;
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GENERAL INFORMATION:
APPLICANT: LA ROSA, Thomas J.
APPLICANT: Kovalic, David K.
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
APPLICANT: Mu, Wei
APPLICANT: Boukharov, Andrey A
APPLICANT: Barbazuk, Brad
APPLICANT: Li, Ping
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Best Local S
Matches 19
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SEQ ID NO 49435
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APPLICANT: La Rosa, Thomas
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                                                                                                                                                                                                                    SEQ ID NO 96792
LENGTH: 1034
                                                         Matches
                                                                          Best
                                                                                         Query Match
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APPLICANT: Li, Ping

TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated

TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement

FILE REFERENCE: 38-21(53221)B

CURRENT PILLING DATE: 2003-05-14

NUMBER OF SEQ ID NOS: 204966
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TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53221)B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT FILING DATE: 2003-05-14
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ORGANISM: Oryza sativa
                                                                                                                                                                TYPE: DNA
ORGANISM: Oryza sativa
FEATURE:
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                                                     Local Similarity nes 19; Conserv
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1 AGCGATGAGGAGGAGTGGCG
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Wu, Wei
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                                                         Conservative
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David K.
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95.0%;
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Pred. No. 1.3e+02;
0; Mismatches 1
                                                       Score 18.4; DB 7;
Pred. No. 1.1e+02;
0; Mismatches 1;
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                                                                                           Length 1034;
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APPLICANT: La Rosa, Thomas J
APPLICANT: Kovalic, David K
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
APPLICANT: Wu, Wei
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                                                                                                                                                                                                                                                              JS-10-437-963-67166
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Publication No. US20040123343A1
GENERAL INFORMATION:
APPLICANT: La Rosa, Thomas J.
APPLICANT: Kovalic, David K.
APPLICANT: Thomas J.
APPLICANT: Town J.
APPLICANT: 
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SEQ ID NO 50000
LENGTH: 189
TYPE: DNA
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SEQ ID NO 67166
LENGTH: 798
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                                                                                                                                                     Query Match
Best Local 9
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CURRENT FILING DATE: 2003-05-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement FILE REFERENCE: 38-21(53221)B CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT FILING DATE: 2003-05-14
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                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
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Pred. No. 3.
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; LOCATION: (1) ... (280)
; OTHER INFORMATION: a, t,
US-10-305-720-893
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NUMBER OF SEQ ID NOS: 1490
SOFTWARE: PERL PROGRAM
SEQ ID NO 893
LENGTH: 280
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Publication No. US20
GENERAL INFORMATION:
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Best Local Similarity
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TITLE OF INVENTION: Composition for the Detection of Signaling Pathway Gene Expression FILE REFERENCE: PA-0002-1 CON
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR FILING DATE: 2002-02-15
PRIOR APPLICATION NUMBER: 09/217,471
PRIOR FILING DATE: 1998-12-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILE REFERENCE: 2300-21302
CURRENT APPLICATION NUMBER: US/10/779,543
CURRENT FILING DATE: 2004-02-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Williams et al
TITLE OF INVENTION: GENE PRODUCTS DIFFERENTIALLY EXPRESSED
TITLE OF INVENTION: IN CANCEROUS CELLS AND THEIR METHODS OF USE II
                                         Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 23767
                                                                                                                                                            PRIOR FILING DATE: 1998-01-28
PRIOR APPLICATION NUMBER: 60/075,954
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SOFTWARE: Fas
EQ ID NO 3332
                                                                                       PRIOR APPLICATION NUMBER: 60/080,114 PRIOR FILING DATE: 1998-03-31
                                                                                                                                        PRIOR FILING DATE: 1998-02-24
                                                                                                                                                                                                                                                 PRIOR FILING DATE: 2000-04-10
PRIOR APPLICATION NUMBER: PCT/US99/01619
                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: 60/105,234 PRIOR FILING DATE: 1998-10-21
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                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: 60/080,664
                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: 60/068,755
PRIOR FILING DATE: 1997-12-23
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NAME/KEY: misc_feature
OTHER INFORMATION: Incyte
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NAME/KEY: unsure
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                                                                                                                                                                                                     APPLICATION NUMBER: 60/072,910
                                                                                                                                                                                                                                                                          APPLICATION NUMBER: 09/297,648 FILING DATE: 2000-04-10
                                                                                                                                                                                                                                FILING DATE: 1999-01-28
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Pred. No.
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; LENGTH: 300
; TYPE: DNA
; ORGANISM: Homo s
US-10-779-543-3332
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GENERAL INFORMATION
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Best Local (
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                                                                                                                                                                                                                                                                                   OR FILING DATE: 1997-03-07
OR APPLICATION NUMBER: 60/040,161
OR APPLICATION NUMBER: 60/040,626
OR FILING DATE: 1997-03-07
OR APPLICATION NUMBER: 60/040,334
OR FILING DATE: 1997-03-07
OR APPLICATION NUMBER: 60/040,336
OR FILING DATE: 1997-03-07
OR APPLICATION NUMBER: 60/040,163
OR FILING DATE: 1997-03-07
OR APPLICATION NUMBER: 60/047,615
OR FILING DATE: 1997-05-23
OR APPLICATION NUMBER: 60/047,597
OR FILING DATE: 1997-05-23
OR APPLICATION NUMBER: 60/047,597
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OR APPLICATION NUMBER: 60/047,593
OR APPLICATION NUMBER: 60/047,613
OR APPLICATION NUMBER: 60/047,503
                                                                   R FILING DATE: 1997-05-23
R APPLICATION NUMBER: 60/04
R FILING DATE: 1997-05-23
R APPLICATION NUMBER: 60/04
R FILING DATE: 1997-05-23
R APPLICATION NUMBER: 60/04
R APPLICATION NUMBER: 60/03
R FILING DATE: 1997-05-23
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R FILING DATE: 1997-05-23
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APPLICATION NUMBER: 60/040,333
FILING DATE: 1997-03-07
APPLICATION NUMBER: 60/038,621
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APPLICATION NUMBER: 60/040,162
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  APPLICATION NUMBER: 60/047,492 FILING DATE: 1997-05-23 APPLICATION NUMBER: 60/047,598
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o. US20020164669A1
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                                                                                           NUMBER: 60/047,587
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OR FILLING DATE: 1997-08-22
OR APPLICATION NUMBER: 60/056,662
OR APPLICATION NUMBER: 60/056,662
OR FILING DATE: 1997-08-22
OR APPLICATION NUMBER: 60/056,872
OR APPLICATION NUMBER: 60/056,882
OR APPLICATION NUMBER: 60/056,637
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OR APPLICATION NUMBER: 60/056,903
OR APPLICATION NUMBER: 60/056,903
OR APPLICATION NUMBER: 60/056,903
OR APPLICATION NUMBER: 60/056,888
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RR FILLING DATE: 1997-04-11
DR APPLICATION NUMBER: 60/043,312
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DR APPLICATION NUMBER: 60/043,313
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APPLICATION NUMBER: 60/056,893
FILING DATE: 1997-08-22
APPLICATION NUMBER: 60/056,630
FILING DATE: 1997-08-22
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APPLICATION NUMBER: 60/056,877
FILING DATE: 1997-08-22
APPLICATION NUMBER: 60/056,889
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APPLICATION NUMBER: 60/056,886
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APPLICATION NUMBER:
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APPLICATION
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                                                                     60/056,911
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APPLICATION NUMBER: 60/047,582
APPLICATION NUMBER: 60/047,582
FTILING DATE: 1997-05-23 APPLICATION NUMBER: 60/043,580 APPLICATION NUMBER: 60/047,596
FILING DATE: 1997-05-23
APPLICATION NUMBER: 60/047,612
FILING DATE: 1997-05-23 60/043,568 60/047,601 60/047,632 60/047,613

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SOFTWARE: PatentIn
SEQ ID NO 24
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APPLICATION NUMBER: 60/057,761
APPLICATION NUMBER: 60/057,761
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APPLICATION NUMBER: 60/056,664
FILING DATE: 1997-08-22
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FILING DATE: 1997-05-23
APPLICATION NUMBER: 60/043,670
                                                                          APPLICATION NUMBER: 60/048,964
FILING DATE: 1997-06-06
APPLICATION NUMBER: 60/057,650
FILING DATE: 1997-09-05
APPLICATION NUMBER: 60/056,884
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APPLICATION NUMBER: 60/056,887
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FILING DATE: 1997-05-23
APPLICATION NUMBER: 60/047,586
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APPLICATION NUMBER: 60/047,599
FILING DATE: 1997-05-23
APPLICATION NUMBER: 60/047,588
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FILING DATE: 1997-08-22
APPLICATION NUMBER: 60/056,845
FILING DATE: 1997-08-22
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APPLICATION NUMBER: 60/056,908
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APPLICATION NUMBER: 60/043,576
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Query Match 81.0%; Score 17; DB 3; Length 796; Best Local Similarity 100.0%; Pred. No. 4.8e+02;
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RESULT 23
US-09-148-545-24
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; GENERAL INFORMATION:
; APPLICANT: Rosen et
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R APPLICATION NUMBER: 60/047,617
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R APPLICATION NUMBER: 60/047,618
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R APPLICATION NUMBER: 60/047,503
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FILING DATE: 1997-0:
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APPLICATION NUMBER: 60/047,584
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APPLICATION NUMBER: 60/
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FILING DATE: 1997-05-23
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APPLICATION NUMBER: 60/047,615
FILING DATE: 1997-05-23
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APPLICATION NUMBER: PCT/US98/04482
FILING DATE: 1998-03-06
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APPLICATION NUMBER: 60/040,334
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FRAPPLICATION NUMBER: 60/056,911

FRAPPLICATION NUMBER: 60/056,636

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FRAPPLICATION NUMBER: 60/056,874

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APPLICATION NUMBER: 60/043,311
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APPLICATION NUMBER: 60/043,671
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APPLICATION NUMBER: 60/043,312
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ER FILLING DATE: 1997-04-11

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ER APPLICATION NUMBER: 60/043,670

ER FILING DATE: 1997-08-22

ER APPLICATION NUMBER: 60/056,632

ER APPLICATION NUMBER: 60/056,664

ER APPLICATION NUMBER: 60/056,876

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CURRENT FILING DATE: 2001-10-19
PRIOR APPLICATION NUMBER: 09/148,545
PRIOR FILING DATE: 1998-09-04
PRIOR APPLICATION NUMBER: 60/040,162
PRIOR APPLICATION NUMBER: 60/040,333
PRIOR APPLICATION NUMBER: 60/038,621
PRIOR FILLING DATE: 1997-03-07
PRIOR APPLICATION NUMBER: 60/040,161
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PRIOR APPLICATION NUMBER: 60/040,626
PRIOR APPLICATION NUMBER: 60/040,334
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                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 89, Application US/09981876 Patent No. US20020164669A1
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FILE REFERENCE: PZ001P1
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TITLE OF INVENTION: 70 Human Secreted Proteins
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FILING DATE: 1998-09-04
APPLICATION NUMBER: 60/040,162
FILING DATE: 1997-03-07
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APPLICATION NUMBER: US/09/621,011
FILING DATE: 2000-07-20
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FILING DATE: 1997-03-07
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APPLICATION NUMBER: 60/038,621
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APPLICATION NUMBER: 60/040,626
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FILING DATE: 1997-04-11
APPLICATION NUMBER: 60/043,674
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APPLICATION NUMBER: 60/043,311
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APPLICATION NUMBER: 60/043,568
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APPLICATION NUMBER: 60/047,632
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APPLICATION NUMBER: 60/048,974
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APPLICATION NUMBER: 60/043,313
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APPLICATION NUMBER: 60/043,312
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APPLICATION NUMBER: 60/043,314
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APPLICATION NUMBER: 60/043,580
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APPLICATION NUMBER: 60/047,601
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APPLICATION NUMBER: 60/047,587
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APPLICATION NUMBER: 60/047,500
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APPLICATION NUMBER: 60/047,584
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APPLICATION NUMBER: 60/047,633
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APPLICATION NUMBER: 60/047,502
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APPLICATION NUMBER: 60/047,597
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PRIOR FILING DATE: 1997-08-22
NUMBER OF SEQ ID NOS: 280
SOFTWARE: Patentin Ver. 2.0
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APPLICATION NUMBER: 60/056,875
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SR FILING DATE: 1997-03-07
SR APPLICATION NUMBER: 60/040,161
SR FILING DATE: 1997-03-07
SR APPLICATION NUMBER: 60/040,626
SR FILING DATE: 1997-03-07
SR APPLICATION NUMBER: 60/040,334
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FILING DATE: 1997-08-22
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APPLICATION NUMBER: 60/056,881
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APPLICATION NUMBER: 60/040,333
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APPLICATION NUMBER: PCT/US98/04482
FILING DATE: 1998-03-06
APPLICATION NUMBER: 60/040,162
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EARLIER APPLICATION NUMBER: 60/056,630
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EARLIER FILING DATE: 1997-08-22
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EARLIER APPLICATION NUMBER: 60/056,637
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EARLIER APPLICATION NUMBER: 60/056,891
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FILE REFERENCE: PZ001P1

CURRENT APPLICATION NUMBER: US/10/979,111

CURRENT FILING DATE: 2004-11-02

PRIOR APPLICATION NUMBER: US/09/621,011

PRIOR FILING DATE: 2000-07-20

PRIOR FILING DATE: 1998-09-04

PRIOR APPLICATION NUMBER: 09/148,545

PRIOR FILING DATE: 1998-09-04

PRIOR FILING DATE: 1997-03-07

PRIOR FILING DATE: 1997-03-07

PRIOR APPLICATION NUMBER: 60/040,333

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                                                  Remaining Prior Application data removed -
NUMBER OF SEQ ID NOS: 280
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 89
LENGTH: 855
TYPE: DNA
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Best Local
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LENGTH: 855
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NUMBER OF SEQ ID NOS: 280
SOFTWARE: PatentIn Ver. 2.0
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EARLIER APPLICATION NUMBER: 60/056,884
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: 70 Human Secreted Proteins
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                   ORGANISM: Homo sapiens FEATURE:
NAME/KEY: SITE
                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: 60/040,161
FILING DATE: 1997-03-07
APPLICATION NUMBER: 60/040,626
FILING DATE: 1997-03-07
                                                                                                                                                                                                                                                         APPLICATION NUMBER: 60/040,334
FILING DATE: 1997-03-07
                                                                                                                                                                           FILING DATE: 1997-03-07
                                                                                                                                                                                                APPLICATION NUMBER: 60/040,163
                                                                                                                                                                                                                 APPLICATION NUMBER: 60/040,336
FILING DATE: 1997-03-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   124 AGCGATGAGGAGGAGTG 140
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APPLICATION NUMBER: 60/056,909
FILING DATE: 1997-08-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: 60/056,875 FILING DATE: 1997-08-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     17;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 1997-08-22
APPLICATION NUMBER: 60/048,964
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; Pred. No. 4.7e+02;
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; NAME/KEY: SIMILAR; LOCATION: (381). (515)
; LOCATION: (381). (515)
; OTHER INFORMATION: 95% homologous to Homo sapiens 8D6 antigen, accession number; OTHER INFORMATION: AL365455, Smith-Waterman Score=254.
US-10-450-763-18397
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                                                                                                                                                                                                    RESULT 29
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SOFTWARE: Custom
SEQ ID NO 18397
LENGTH: 1015
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                                                                                                                                       GENERAL INFORMATION:
                                                                                                                                                     Sequence 126, Application US/09909320 Patent No. US20020132240A1
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                                                           APPLICANT:
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TITLE OF INVENTION: NOVEL NUCLEIC ACIDS AND
FILE REFERENCE: 790C1P3/US
CURRENT APPLICATION NUMBER: US/10/450,763
CURRENT FILING DATE: 2003-06-11
PRIOR APPLICATION NUMBER: PCT/US01/08631
PRIOR FILING DATE: 2001-03-30
 APPLICANT:
                                                                                        APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: 09/649,167 PRIOR FILING DATE: 2000-08-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR FILING DATE: 2000-03-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: 09/540,217
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
ORGANISM: Homo sapiens
                            PPLICANT:
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LOCATION: (831)
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OTHER INFORMATION:
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OTHER INFORMATION: n equals a,t,g,
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Fong, Sherman
Gao, Wei-Qiang
                            Filvaroff, Ellen
                                                           Desnoyers, Luc
Eaton, Dan L.
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Pred. No.
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Pred. No. 4.7e+02;
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4.6e+02;
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PPLICANT:

Gerritsen, Goddard, A

Gerber, Hanspeter

Mary E.

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RESULT 30
US-09-909-088B-126
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-909-320-126
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PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR FILING DATE: 1999-09-15
PRIOR FILING DATE: 1999-10-05
PRIOR FILING DATE: 1999-10-05
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Best Local :
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SEQ ID NO 126
                                                                                                                                                               Matches
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PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
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PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
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APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
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APPLICANT:
APPLICANT:
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PRIOR APPLICATION NUMBER: PCT/US99/20594
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CURRENT FILING DATE: 2002-01-04
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PRIOR FILING DATE: 1999-11-30
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PRIOR FILING DATE: 1999-11-29
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APPLICATION NUMBER: PCT/US99/30911
FILING DATE: 1999-12-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: PCT/US99/28565
FILING DATE: 1999-12-02
APPLICATION NUMBER: PCT/US99/30095
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: PCT/US99/28564
FILING DATE: 1999-12-02
                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: PCT/US99/30999
                                                                                 282 AGCGATGAGGAGGAGTG 298
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                                                                                                                                                                                  Similarity
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Mather, Jennie P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gurney, Austin L.
Hillan, Kenneth, J.
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art, Timothy A.
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ns, P. Mickey
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                                                                                                                                                                              81.0%;
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                                                                                                                                                                                  Score 17; DB 3;
Pred. No. 4.5e+
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; NUMBER OF SEQ ID NOS: 423
SEQ ID NO 126
; LENGTH: 1210
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-909-088B-126
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GENERAL INF
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                                                                                                                     PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
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PRIOR APPLICATION NUMBER: PCT/US00/04414
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same
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APPLICANT: Ashkenazi, Avi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR FILING DATE: 1999-09-15
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PRIOR FILING DATE: 1999-09-13
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                                                                                                                                                                                APPLICATION NUMBER: PCT/US99/30999
                                                                                                                                                                                                                    FILING DATE: 1999-12-16
APPLICATION NUMBER: PCT
                                                                                                                                                                                                                                                             APPLICATION NUMBER: PCT/US99/30095
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FILING DATE: 1999-12-02
                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: PCT/US99/28564
                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: PCT/US99/28313 FILING DATE: 1999-11-30
                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: 1999-11-29
                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: PCT/US99/28214
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: PCT/US99/21547
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Gao, Wei-Qiang
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Mather, Jennie P.
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Hillan, Kenneth, J.
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Grimaldi, Christopher
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Filvaroff, Ellen
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Eaton, Dan L.
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Botstein, David
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Query Match

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RESULT 31
US-09-905-291A-126
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CURRENT APPLICATION NUMBER: US/09/905,291A
CURRENT FILING DATE: 2001-07-12
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APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
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PRIOR FILING DATE: 1999-09-08
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PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
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PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
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                           ICR APPLICATION NUMBER: PCT/US99/20944

COR FILLING DATE: 1999-09-13

COR APPLICATION NUMBER: PCT/US99/21090

COR FILLING DATE: 1999-09-15

COR APPLICATION NUMBER: PCT/US99/21547

COR APPLICATION NUMBER: PCT/US99/23089

COR APPLICATION NUMBER: PCT/US99/23089

COR APPLICATION NUMBER: PCT/US99/23089

COR APPLICATION NUMBER: PCT/US99/28214

COR FILLING DATE: 1999-11-29

COR FILLING DATE: 1999-11-29

COR APPLICATION NUMBER: PCT/US99/28313

COR FILLING DATE: 1999-11-30

COR FILLING DATE: 1999-12-02

COR APPLICATION NUMBER: PCT/US99/28565

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COR APPLICATION NUMBER: PCT/US99/28565

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COR APPLICATION NUMBER: PCT/US99/28565
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APPLICATION NUMBER: PCT/US99/30095 FILING DATE: 1999-12-16
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Hillan, Kenneth, J.
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Grimaldi,
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Gerritsen, Mary E
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Mather, Jennie P.
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art, Timothy A.
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f, Ellen
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Pred. No.
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-905-291A-126
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US-09-902-853-126
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Publication No
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LENGTH: 1210
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                                                                                                                                                                                                   CURRENT FILING DATE: 2001-07-10
PRIOR APPLICATION NUMBER: US/09/665,350
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
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APPLICANT:
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PRIOR FILING DATE: 1999-12-20
                                                                                                                 PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
                                                                                                                                                      PRIOR APPLICATION NUMBER: US 60/145,698 PRIOR FILING DATE: 1999-07-26 PRIOR APPLICATION NUMBER: US 60/146,222
                                                                                                                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/09/902,853
                                                                                                                                                                                                                                                                                                           APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
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                                                APPLICATION NUMBER: PCT/US99/20944 FILING DATE: 1999-09-13 APPLICATION NUMBER: PCT/US99/21090
                                                                                                    FILING DATE: 1999-09-08
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                                  FILING DATE: 1999-09-15
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17; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                 Roy, Margaret Ann
Stewart, Timothy A.
Tumas, Daniel
Williams, P. Mickey
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Mather, Jennie
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Hillan, Kenneth, J.
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Filvaroff, Ellen
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Botstein, David
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D. US20020192659A1
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NUMBER: PCT/US99/21547: 1999-09-15
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100.0%; Pred. No.
Live 0; Mismatc
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LENGTH: 1210
; TYPE: DNA
; ORGANISM: Homo Sapien
US-09-902-853-126
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PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-16
PRIOR PILING DATE: 1999-12-20
PRIOR PILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR PILING DATE: 1999-12-20
PRIOR PILING DATE: 1999-10-20
PRIOR APPLICATION NUMBER: PCT/US09/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
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US-09-907-824-126
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                                                                                     APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
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APPLICANT:
CURRENT APPLICATION NUMBER: US/09/907,824
CURRENT FILING DATE: 2001-07-17
PRIOR APPLICATION NUMBER: 09/665,350
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
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APPLICANT:
APPLICANT:
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PRIOR FILING DATE: 1999-11-30
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Gao, Wei-Qiang
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Mather, Jennie P.
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b. US20020197671A1
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f, Ellen
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Pred. No.
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NUMBER OF SEQ ID NOS:
SEQ ID NO 126
LENGTH: 1210
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Best Local
              APPLICANT:
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APPLICANT: Genentech, Inc.
Ashkenazi, Avi
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ORGANISM: Homo Sapien
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APPLICATION NUMBER: PCT/US99/28565
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APPLICATION NUMBER: PCT/US99/23089
FILING DATE: 1999-10-05
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APPLICATION NUMBER: PCT/US99/28564
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APPLICATION NUMBER: PCT/US99/28313
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APPLICATION NUMBER: PCT/US99/20594
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                                                                                                                                            Fong, Sherman
Gao, Wei-Qiang
Gerber, Hanspeter
Gerritsen, Mary E.
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Botstein, David
Desnoyers, Luc
Eaton, Dan L.
Paoni, Nicholas F.
                            Kljavin, Ivar J.
Mather, Jennie P.
                                              Gurney, Austin L.
Hillan, Kenneth, J.
Kljavin, Ivar J.
                                                                                               Godowski, Paul J.
Grimaldi, Christopher
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Filvaroff, Ellen
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o. US20020198366A1
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              James
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100.0%; Pr
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; Pred. No. 4.5e+
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RESULT 35
US-09-904-011-126
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; ORGANISM: Homo sapiens
US-09-907-841-126
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PRIOR FILING DATE: 1999-11-29
Remaining Prior Application data removed
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 126
LENGTH: 1210
                                                                                                                                                                                                                                                                     APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
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Best Local :
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PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 199-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
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CURRENT FILING DATE: 2001-11-20
PRIOR APPLICATION NUMBER: PCT/US00/04414
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
   APPLICANT:
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FILING DATE: 1999-09-15
APPLICATION NUMBER: PCT/US99/21547
FILING DATE: 1999-09-15
APPLICATION NUMBER: PCT/US99/23089
FILING DATE: 1999-10-05
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Botstein, David
                                             Godowski, Paul J.
Grimaldi, Christopher J
Gurney, Austin L.
Hillan, Kenneth, J.
Kljavin, Ivar J.
Mather, Jennie P.
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Stewart, Timothy A.
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Tumas, Daniel
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Gerritsen, Mary E.
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                   Paoni,
                                    Pan,
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b. US20030003530A1
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Margaret Ann
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               Nicholas F
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f, Ellen
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100.0%; Pr
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RESULT 36
US-09-903-640-126
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SEQ ID NO 126
Sequence 126, Application US/09903640 Publication No. US20030017463A1
                                                                                                                                                                                                 Matches
                                                                                                                                                                                                                      Query Match
Best Local (
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APPLICANT:
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PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: PCT/US00/00219 PRIOR FILING DATE: 2000-01-05
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PRIOR APPLICATION NUMBER: PCT/US99/20594
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PRIOR FILING DATE: 1999-07-07
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                                                                                                                                                                                                                                                                                                 LENGTH: 1210
TYPE: DNA
ORGANISM: Homo Sapien
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APPLICATION NUMBER: PCT/US99/28564
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APPLICATION NUMBER: PCT/US99/30999
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                                                                                                                                                                                                   Conservative
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                                                                                                                      298
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Pred. No.
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4.5e+02;
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GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David

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APPLICANT:

Desnoyers, Luc Eaton, Dan L. Ferrara, Napoleone Filvaroff, Ellen

APPLICANT:

REFERENCE: 10466-14

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Publication No. US20
GENERAL INFORMATION:
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SEQ ID NO 126
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CURRENT FILING DATE: 2001-07-11
PRIOR APPLICATION NUMBER: 09/665,350
PRIOR FILING DATE: 2000-09-18
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APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, Davi
APPLICANT: Desnoyers, Luc
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APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
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ORGANISM: Homo Sapien
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T: Wood, William, I.
INVENTION: Secreted and Transmembrane Polypeptides
INVENTION: Acids Encoding the Same
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                                   Tumas, Daniei
Williams, P. Mickey
Wood, William, I.
                                                                                                                                                                                                                                                       Godowski, Paul J.
Grimaldi, Christopher J.
Gurney, Austin L.
Hillan, Kenneth, J.
Kljavin, Ivar J.
Mather, Jennie P.
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Hillan, Kenneth, J.
Kljavin, Ivar J.
Mather, Jennie P.
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Gao, Wei-Qiang
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Grimaldi, Christopher J.
                                                                                                                                                                                                                                     Pan,
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Filvaroff, Ellen
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Botstein, David
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                                                                                                                                            Roy, Margaret Ann
Stewart, Timothy A.
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Stewart, Timothy A.
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b. US20030017498A1
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                                                                                                                                                                                              James
ii, Nicholas F.
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100.0%; Pr
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 17;
Pred. No.
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4.5e+02;
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                                      and Nucleic
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SEQ ID NO 126
LENGTH: 1210
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                                                                                                                                                                                                                                           Sequence 126, Appropriate Publication No.
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Best Local (
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PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
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CURRENT FILING DATE: 2001-07-17
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                  PPLICANT
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FILING DATE: 1999-10-05
APPLICATION NUMBER: PCT/US99/28214
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FILING DATE: 1999-09-08
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APPLICATION NUMBER: PCT/US99/28565
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APPLICATION NUMBER: PCT/US99/28313
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Similarity
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Botstein, David
Desnoyers, Luc
Eaton, Dan L.
Ferrara, Napoleone
Filvaroff, Ellen
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100.0%; Pred. No. 4.5e+02;
tive 0; Mismatches 0;
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RESULT 39
US-09-906-838-126
; Sequence 126, Application US/09906838
; Publication No. US20030027143A1
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; TYPE: DNA
; ORGANISM: Homo Sapien
US-09-906-742-126
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Best Local Similarity
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SEQ ID NO 126
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PRIOR FILING DATE: 2000-01-05
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PRIOR TILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
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PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
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PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
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PRIOR APPLICATION NUMBER: 09/65,350
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
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PRIOR APPLICATION NUMBER: PCT/US99/28565
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PRIOR APPLICATION NUMBER: PCT/US99/28313
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PRIOR FILING DATE: 1999-10-05
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CURRENT FILING DATE: 2001-07-16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: PCT/US99/28564
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APPLICATION NUMBER: PCT/US99/30911
FILING DATE: 1999-12-20
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APPLICATION NUMBER: PCT/US99/30095
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Wood, William,
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Mather, Jennie P.
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Timothy A.
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100.0%; Pred. No.
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; TYPE: DNA; ORGANISM: Homo Sapien US-09-906-838-126
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PRIOR APPLICATION NUMBER: F
PRIOR FILING DATE: 2000-01-
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 126
LENGTH: 1210
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CURRENT APPLICATION NUMBER: US/09/906,838
CURRENT FILING DATE: 2001-07-16
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PRIOR APPLICATION NUMBER: PCT/US99/21547
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PRIOR FILING DATE: 1999-09-13
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PRIOR APPLICATION NUMBER: PCT/US00/04414
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APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
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APPLICATION NUMBER: US 60/146,222
FILING DATE: 1999-07-28
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Hillan, Kenneth, J.
Kljavin, Ivar J.
Mather, Jennie P.
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Mather, Jennie
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Grimaldi, Christopher
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Gerritsen, Mary E
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Eaton, Dan L
Ferrara, Napoleone
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Ashkenazi, Avi
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art, Timothy A.
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1. 14. TO FEE

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RESULT 40
US-09-907-613-126
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR PELICATION NUMBER: PCT/US99/28214
PRIOR PILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR APPLICATION NUMBER: PCT/US99/30095
                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/09/907,613
CURRENT FILING DATE: 2001-07-17
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR APPLICATION NUMBER: US 60/146,298
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-13
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Best Local
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APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
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APPLICATION NUMBER: PCT/US99/21547
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Grimaldi, Christopher J.
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Botstein, David
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Mather, Jennie P.
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Hillan, Kenneth, J.
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f, Ellen
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100.0%; Pred. No.
cive 0; Mismatch
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PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR TILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 126
PRIOR TILING DATE: 2000-01-05
PRIOR FILING DATE: 2000-01-05
PRIOR DATE: 2000-01-05
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Best Local Similarity 100.0%; Pred. No. 4.5e+02;
Matches 17; Conservative 0; Mismatches 0;
                                                                                                                                              APPLICANT: Wood, William, I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14

CURRENT ENFERING NUMBER: US/09/907,942

CURRENT FILING DATE: 2000-02-22

PRIOR APPLICATION NUMBER: US/09/00/04414

PRIOR FILING DATE: 2000-02-22

PRIOR APPLICATION NUMBER: US 60/143,048

PRIOR APPLICATION NUMBER: US 60/145,698

PRIOR APPLICATION NUMBER: US 60/145,698

PRIOR PILING DATE: 1999-07-26

PRIOR APPLICATION NUMBER: US 60/146,222

PRIOR PILING DATE: 1999-07-26

PRIOR FILING DATE: 1999-07-26

PRIOR FILING DATE: 1999-07-26

PRIOR FILING DATE: 1999-07-26

PRIOR FILING DATE: 1999-07-26
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                                       PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
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FILING DATE: 1999-09-15
APPLICATION NUMBER: PCT/US99/21547
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Botstein, David
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Mather, Jennie P.
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Hillan, Kenneth, J.
Kljavin, Ivar J.
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Grimaldi, Christopher
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Gerritsen, Mary E.
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Filvaroff, Ellen
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art, Timothy A.
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APPLICATION NUMBER: PCT/US99/23089 FILING DATE: 1999-10-05 APPLICATION NUMBER: PCT/US99/28214

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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-907-942-126
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SEQ ID NO 126
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Best Local Similarity
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PRIOR
CURRENT APPLICATION NUMBER: US/09/904,859
CURRENT FILING DATE: 2001-07-12
PRIOR APPLICATION NUMBER: 09/665,350
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
                                                                            APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
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PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
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APPLICANT: Ashkenazi, Avi
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APPLICATION NUMBER: PCT/US99/28565
FILING DATE: 1999-12-02
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FILING DATE: 1999-12-16
APPLICATION NUMBER: PCT/US99/30911
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FILING DATE: 1999-11-30
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Hillan, Kenneth, J.
Kljavin, Ivar J.
Mather, Jennie P.
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                                                                                                                                       Tumas, Daniel
Williams, P. Mickey
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Stewart, Timothy A.
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Grimaldi, Christopher J.
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Botstein, David
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b. US20030036060A1
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f, Ellen
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100.0%; Pr
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US-09-909-204-126
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US-09-904-859-126
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APPLICANT: Genentech, Inc.
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SEQ ID NO 126
LENGTH: 1210
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Best Local (
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                 APPLICANT
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APPLICATION NUMBER: PCT/US99/28214
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APPLICATION NUMBER: PCT/US99/21547
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APPLICATION NUMBER: PCT/US99/20944
FILING DATE: 1999-09-13
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APPLICATION NUMBER: PCT/US99/30911
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17; Conserv
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                 Pan,
                             Kljavin, Ivar J.
Mather, Jennie P.
                                                 Gurney, Austin L.
Hillan, Kenneth, J.
Kljavin, Ivar J.
                                                                                                Godowski, Paul J.
Grimaldi, Christopher J.
                                                                                                                                   Goddard, A.
                                                                                                                                                     Gerritsen, Mary E
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                                                                                                                                                                                                                      Ferrara, Napoleone
Filvaroff, Ellen
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Eaton, Dan L.
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Botstein, David
Paoni, Nicholas
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o. US20030036061A1
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                 James
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100.0%; Pred. No. 4.5e+02;
... Mismatches 0;
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Gaps

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                                                                      APPLICANT: Genentech, 1
APPLICANT: Ashkenazi,
APPLICANT: Botstein, I
APPLICANT: Desnoyers,
                                                                                                                                                    GENERAL INFORMATION:
                                                                                                                                                                    Sequence 126, Appropriate Publication No.
                                                                                                                                                                                                                                                                                                                                                               Matches
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Best Local (
                  APPLICANT:
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PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/909,204
CURRENT FILING DATE: 2001-07-18
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PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR FILING DATE: 1999-09-15
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PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
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PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
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TYPE: DN
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ORGANISM: Homo sapiens
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APPLICATION NUMBER: PCT/US99/30095
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FILING DATE: 1999-11-29
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                                                                                      Genentech, Inc.
Ashkenazi, Avi
Botstein, David
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Stewart, Timothy A.
                  Ferrara, Napoleone
Filvaroff, Ellen
                                                    Desnoyers, Luc
Eaton, Dan L.
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Sherman
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1 AGCGATGAGGAGGAGTG 17

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US-09-904-820-126
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NUMBER OF SEQ ID NO:
SEQ ID NO 126
LENGTH: 1210
 Matches
                                  Query Match
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PRIOR FILING DATE: 1999-11-29
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PRIOR FILING DATE: 1999-09-15
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PRIOR APPLICATION NUMBER: PCT/US99/20594
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PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
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PRIOR ADDITORNO. ...
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PRIOR FILING DATE: 2000-02-22
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
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                                                                                      TYPE: DNA
ORGANISM: Homo Sapien
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FILING DATE: 1999-12-16
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                                                                                                                                                                                                                                                                          APPLICATION NUMBER: PCT/US99/30911
                                                                                                                                                                                                                                                                                                                                  FILING DATE: 1999-12-02
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                     Similarity
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Hillan, Kenneth, J.
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Grimaldi, Christopher J.
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Mather, Jennie P.
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 Conservative
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art, Timothy A.
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81.0%; Score 17;
100.0%; Pred. No.
Live 0; Mismatc
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   Mismatches
                   DB 3; L
   0,
                                  Length 1210;
 0;
 Gaps
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US-09-904-786-126

Application US/09904786

US20030039969A1

RESULT 45

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; TYPE: DNA
; ORGANISM: Homo Sapien
US-09-904-786-126
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                                                                                                                                                                                                                                                           RESULT 46
                                                                                               APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botscein, David
APPLICANT: Besnoyers, Luc
APPLICANT: Baton, Dan L.
APPLICANT: Fetrara, Napolec
APPLICANT: Filvaroff, Eller
                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/09/904,786
CURRENT FILING DATE: 2001-07-12
PRIOR APPLICATION NUMBER: 09/665,350
PRIOR FILING DATE: 2000-09-18
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 126
LENGTH: 1210
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                                                                                                                                                                                                                Sequence 126, Appropriate Publication No.
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APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
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17; Conserv
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Ashkenazi, Avı
Botstein, David
Botsvers, Luc
 Godowski,
Grimaldi,
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Gao, Wei-Qiang
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Botstein, David
                                         Gerber, Hanspeter
Gerritsen, Mary E.
                                                                                  Fong,
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Hillan, Kenneth, J.
Kljavin, Ivar J.
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Grimaldi, Christopher J.
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Mather, Jennie P.
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                               Goddard, A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Desnoyers,
                                                                                                                                                                                                              Application US/09906646 b. US20030039971A1
                                                                                                                                                                                                                                                                                                                                                           Conservative
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                                                                      Wei-Qiang
                                                                                     Sherman
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Nicholas F.
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ff, Ellen
                                                                                                 Napoleone
f, Ellen
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100.0%; Pr
Christopher
              Paul J.
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Pred. No. 4.5e+0
                                                                                                                                                                                                                                                                                                                                                           Mismatches
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ches 0;
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; NUMBER OF SEQ ID NOS: 423

; SEQ ID NO 126

; LENGTH: 1210

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-906-646-126
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US-09-906-700-126
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Sequence 126, Application US/09906700 Publication No. US20030039972A1
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PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: PCT/US99/30999
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PRIOR APPLICATION NUMBER: PCT/US99/21547
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PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
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PRIOR FILING DATE: 2000-02-22
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CURRENT FILING DATE: 2002-01-22
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RIOR APPLICATION NUMBER: PCT/US99/28214
                                                                                                                                                                                                                           Local
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APPLICATION NUMBER: PCT
FILING DATE: 1999-12-20
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                                                                                                                         282 AGCGATGAGGAGGAGTG 298
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17; Conserv
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Mather, Jennie P.
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Hillan, Kenneth, J.
Kljavin, Ivar J.
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Tumas, Daniel
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Stewart, Timothy A.
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                                                                                                                                                                                                      81.0%; So ilarity 100.0%; I Conservative 0;
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                                                                                                                                                                                                        Score 17; DB 3; I; Pred. No. 4.5e+02; 0; Mismatches 0;
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GENERAL INFORMATION:
APPLICANT: Genentech, I
APPLICANT: Ashkenazi,

APPLICANT:

Botstein,

David

Luc

PPLICANT:

Eaton, Dan Desnoyers,

PPLICANT:

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; LENGTH: 1210
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-906-700-126
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PRIOR FILING DATE: 1999-07-28
PRIOR PELICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR PELICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR APPLICATION NUMBER: PCT/US99/21547
Query Match 81.0%; Score 17; DB 3;
Best Local Similarity 100.0%; Pred. No. 4.5e+C
Matches 17; Conservative 0; Mismatches
                                                                                                                                                                  NUMBER OF SE
SEQ ID NO 126
                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
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PRIOR FILING DATE: 1999-11-29
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PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
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PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
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                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: PCT/US99/28313 FILING DATE: 1999-11-30
                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: PCT/US99/30911 FILING DATE: 1999-12-20
                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: PCT/US99/30095 FILING DATE: 1999-12-16
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FILING DATE: 1999-12-02
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                                                                                                                                                                                      SEQ ID NOS:
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Cao, Wei-Qiang
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Grimaldi, Christopher J.
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Hillan, Kenneth, J.
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Mather, Jennie P.
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Mart. Timothy A.
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)S: 423
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ff, Ellen
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Publication No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/903,786
CURRENT FILING DATE: 2001-07-11
PRIOR APPLICATION NUMBER: 09/655,350
PRIOR FILING DATE: 2000-09-18
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PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
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PRIOR FILING DATE: 2000-02-22
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                                APPLICATION
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APPLICATION I
                                                                                                      APPLICATION NUMBER: PCT/US99/28565
                                                                                                                            FILING DATE:
                                                                                                                                           APPLICATION NUMBER: PCT/US99/28564
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                                                                                                                                                                          FILING DATE: 1999-11-29
APPLICATION NUMBER: PCT/US99/28313
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                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: PCT/US99/21547
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                                                      FILING DATE:
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Gao, Wei-Qiang
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Stewart, Timothy A.
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Mather, Jennie P.
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Hillan, Kenneth, J
Kljavin, Ivar J.
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Grimaldi, Christopher
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Gerritsen, Mary E.
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Filvaroff, Ellen
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Eaton, Dan L.
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Botstein, David
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                                  NUMBER: PCT/US99/30911
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PCT/US99/30999
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; TYPE: DNA
; ORGANISM: Homo Sapien
US-09-903-786-126
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CURRENT FILING DATE: 2001-07-10
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR FILING DATE: 1999-07-07
PRIOR PPLICATION NUMBER: US 60/143,048
PRIOR PPLICATION NUMBER: US 60/145,698
PRIOR PILING DATE: 1999-07-26
PRIOR PILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR PILING DATE: 1999-07-28
PRIOR PRIOR DATE: 1999-07-29
PRIOR PRIOR DATE: 1999-07-29
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
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SEQ ID NO 126
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Best Local Similarity
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APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
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PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
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                                                                                                  APPLICATION NUMBER: PCT/US99/20944
FILING DATE: 1999-09-13
APPLICATION NUMBER: PCT/US99/21090
APPLICATION NUMBER: PCT/US99/23089
FILING DATE: 1999-10-05
APPLICATION NUMBER: PCT/US99/28214
                                                               FILING DATE: 1999-09-15
APPLICATION NUMBER: PCT/US99/21547
                                                    FILING DATE:
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Hillan, Kenneth, J.
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Grimaldi, Christopher J.
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Botstein, David
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SEQ ID NO 126
LENGTH: 1210
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                              PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
                                                                                                                                                 APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
                                                                                                                 CURRENT APPLICATION NUMBER: US/09/903,749A CURRENT FILING DATE: 2001-07-11
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ORGANISM: Homo sapiens
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FILING DATE: 1999-12-16
APPLICATION NUMBER: PCT/US99/30911
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APPLICATION NUMBER: PCT/US99/28313
FILING DATE: 1999-11-30
APPLICATION NUMBER: PCT/US99/28564
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APPLICATION N
               APPLICATION NUMBER: US 60/145,698 FILING DATE: 1999-07-26
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APPLICATION NUMBER: PCT/US99/28565
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Gao, Wei-Qiang
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Tumas, Daniel
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Stewart, Timothy A.
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Mather, Jennie P.
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Hillan, Kenneth, J.
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Grimaldi, Christo
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Filvaroff, Ellen
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PRIOR FILING DATE: 1999-07-28
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PRIOR PRILING DATE: 1999-09-15
PRIOR PRILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR APPLICATION NUMBER: PCT/US99/2814
PRIOR APPLICATION NUMBER: PCT/US99/2814
PRIOR APPLICATION NUMBER: PCT/US99/2814
PRIOR APPLICATION NUMBER: PCT/US99/2856
PRIOR PLILING DATE: 1999-11-29
PRIOR PRILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/2856
PRIOR PLILING DATE: 1999-12-02
PRIOR PLILING DATE: 1999-12-02
PRIOR PLILING DATE: 1999-12-03
PRIOR PLILING DATE: 1999-12-05
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PRIOR PLILING DATE: 1999-12-05
PRIOR PLILING DATE: 1999-12-06
PRIOR PLILING DATE: 1999-12-07
PRIOR APPLICATION NUMBER: PCT/US99/3099
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Sequence 526, Application US/10802796

Publication No. US20050250104A1

GENERAL INFORMATION:

APPLICANT: BUCHRIESER-BROSCH, ROLAND

APPLICANT: BUCHRIESER-BROSCH, ROLATING A POLYNUCLEOTIDE OF INTEREST

TITLE OF INVENTION: FROM THE GENOME OF A MYCOBACTERIUM USING A BAC-BASED

TITLE OF INVENTION: MYCOBACTERIA.

FILE OF INVENTION: MYCOBACTERIA.

FILE OF INVENTION: MYCOBACTERIA.

FILE REFERENCE: 05394.0011-00000

CURRENT APPLICATION NUMBER: US/10/802,796

CURRENT PAPLICATION NUMBER: US/99/673,476

PRIOR APPLICATION NUMBER: US/99/673,476

PRIOR APPLICATION NUMBER: US/99/673,476

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PRIOR APPLICATION NUMBER: 09/060,756

PRIOR FILING DATE: 1999-04-16

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US-11-124-368A-2910

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US-11-124-368A-2914

US-11-124-368A-2914

US-11-124-368A-2914

US-10-995-561-13383

US-10-995-561-13197

US-11-124-368A-28813

US-10-995-861-13197

US-11-124-368A-28813

US-11-124-368A-28813

US-11-121-086-2

US-11-121-086-100

US-11-121-086-100
                                                             Pred. No. 5.3;
0; Mismatches
                                                        0;
                                                                                              DB 6; Length 173;
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Sequence 2914, Ap
Sequence 13383, Ap
Sequence 1397, Appli
Sequence 13197, Appli
Sequence 2881, Appli
Sequence 22, Appli
Sequence 24, Appli
Sequence 1, Appli
Sequence 1, Appli
Sequence 1, Appli
Sequence 29, Appli
Sequence 29, Appli
Sequence 29, Appli
Sequence 29, Appli
Sequence 31, Appli
Sequence 32, Appli
Sequence 33, Appli
Sequence 44, Appli
Sequence 63, Appli
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1, Appli
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44, Appl
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2910, Ap
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RESULT 2

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APPLICANT: GOLE, STEWART
APPLICANT: BUCHRIESER-BROSCH, ROLAND
APPLICANT: BUCHRIESER-BROSCH, ROLAND
APPLICANT: BILLAULT, ALAIN
INTITLE OF INVENTION: A METHOD FOR ISOLATING A POLYNUCLEOTIDE OF INTEREST
TITLE OF INVENTION: FORM THE GENOME OF A MYCOBACTERIUM USING A BAC-BASED
TITLE OF INVENTION: MACCHARLA.
FILE OF INVENTION: MYCOBACTERIA.
FILE OF INVENTION: MYCOBACTERIA.
FILE REFERENCE: 05394.0011-00000
CURRENT APPLICATION NUMBER: US/10/802,796
CURRENT APPLICATION NUMBER: US/99/673,476
PRIOR FILING DATE: 2002-03-29
PRIOR APPLICATION NUMBER: PCT/IB99/00740
PRIOR APPLICATION NUMBER: PCT/IB99/00740
PRIOR APPLICATION NUMBER: 09/660,756
PRIOR FILING DATE: 1999-04-16
PRIOR FILING DATE: 1998-04-16
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; ORGANISM: Mycobacterium tuberculosis
US-10-802-796-597
                                                                                                                                       ; TYPE: DNA ; ORGANISM: Mycobacterium tuberculosis US-10-802-796-586
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                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/10/802,796
CURRENT FILING DATE: 2004-03-18
PRIOR APPLICATION NUMBER: US/09/673,476
PRIOR FILING DATE: 2002-03-29
PRIOR APPLICATION NUMBER: PCT/IB99/00740
PRIOR FILING DATE: 1999-04-16
PRIOR APPLICATION NUMBER: 09/060,756
PRIOR APPLICATION NUMBER: 09/060,756
PRIOR FILING DATE: 1998-04-16
NUMBER OF SEQ ID NOS: 743
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                                                                                                                                                                                                                                                 SOFTWARE: PatentIn Ver. 2.2
SEQ ID NO 586
LENGTH: 241
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Matches
                                 Query Match
Best Local
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APPLICANT: BUCKRIESER-BROSCH, ROLAND

APPLICANT: BUCKRIESER-BROSCH, ROLAND

APPLICANT: GORDON, STEPHEN

APPLICANT: BILLAULT, ALAIN

TITLE OF INVENTION: A METHOD FOR ISOLATING A POLYNUCLEOTIDE OF INTEREST

TITLE OF INVENTION: PROM THE GENOME OF A MYCOBACTERIUM USING A BAC-BASED

TITLE OF INVENTION: DNA LIBRARY. APPLICATION TO THE DETECTION OF

TITLE OF INVENTION: MYCOBACTERIA.

TITLE REFERENCE: 05394,0011-00000
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Pred. No. 5.
                                 Score 19.4;
Pred. No. 5
   Mismatches
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APPLICANT: GORDON, STEPHEN
APPLICANT: BILLAULT, ALAIN
TITLE OF INVENTION: A METHOD FOR ISOLATING A POLYNUCLEOTIDE OF INTEREST
TITLE OF INVENTION: FROM THE GENOME OF A MYCOBACTERIUM USING A BAC-BASED
TITLE OF INVENTION: MYCOBACTERIA.
FILE REPERENCE: 05394.0011-00000
CURRENT FILING DATE: 12004-03-18
PRIOR APPLICATION NUMBER: US/09/673,476
PRIOR APPLICATION NUMBER: US/09/673,476
PRIOR APPLICATION NUMBER: US/09/673,476
PRIOR FILING DATE: 1999-04-16
PRIOR FILING DATE: 1999-04-16
PRIOR FILING DATE: 1998-04-16
PRIOR SEQ ID NOS: 743
SOFTWARE: Patentin Ver. 2.2
SEQ ID NO 521
LENGTH: 406
TYPE: DNA
OPCANTSM: MYCOBACTERIUM TUBERCULOSIS
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US-10-802-796-521/c
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, Sequence 635, Application US/10
, Publication No. US20050250104A1
, GENERAL INFORMATION:
, APPLICANT: COLE, STEWART
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NUMBER OF SEQ ID NOS: 743
SOFTWARE: PATENTIN VET. 2.2
SEQ ID NO 635
LENGTH: 376
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APPLICANT: COLE, STEWART
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches
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TITLE OF INVENTION: A METHOD FOR ISOLATING A POLYNUCLEOTIDE OF INTEREST

TITLE OF INVENTION: FROM THE GENOMS OF A MYCOBACTERIUM USING A BAC-BASED

TITLE OF INVENTION: DNA LIBRARY. APPLICATION TO THE DETECTION OF

TITLE OF INVENTION: MYCOBACTERIA.

FILE REFERENCE: 05394.0011-000.

CURRENT APPLICATION NUMBER: US/10/802,796

CURRENT FILING DATE: 2004-03-18
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PRIOR TILING DATE: 2002-03-29
PRIOR PPLICATION NUMBER: PCT/IB99/00740
PRIOR FILING DATE: 1999-04-16
PRIOR APPLICATION NUMBER: 09/060,756
PRIOR PRI
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Local Similarity
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95.2%; Pred. No. 5
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                                                                                                                                         ; ORGANISM: Homo Sapien US-10-131-826A-311
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CURRENT FILING DATE: 2002-04-24
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR FILING DATE: 1997-06-26
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
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                                                                                                                                                                                                             Remaining Prior Application data removed - See File Wrapper or PALM. NUMBER OF SEQ ID NOS: 550 SEQ ID NO 311
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Best Local Similarity
Matches 20; Conserv
                                                                     Query Match
Best Local Similarity
Matches 17; Conserv
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TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C128
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                                                                                                                                                                                                                                                                       PRIOR FILING DATE: 1997-09-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
                                                                                                                                                                             TYPE: DNA
                                                                                                                                                                                                LENGTH: 1210
                                                                                                                                                                                                                                                                                                                                           FILING DATE: 1997-09-17
APPLICATION NUMBER: 60/059263
FILING DATE: 1997-09-18
                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: 60/059184
                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: 60/059117 FILING DATE: 1997-09-17
                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: 60/059122
                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: 60/059588
                                                                                                                                                                                                                                                                                                        FILING DATE:
                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: 60/059352
                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: 1997-09-17
282 AGCGATGAGGAGGAGTG 298
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                    AGCGATGAGGAGGAGTG 17
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Wood, William
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Filvaroff, Ellen
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Stewart, Timothy A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sherwood, Steven
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gao, Wei-Qiang
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        DeForge,Laura
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Beresini, Maureen
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gurney, Austin L.
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                                                                       Conservative
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                                                                                      81.0%; Score 17;
100.0%; Pred. No.
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Pred. No. 5.
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                                                                       Mismatches
                                                                                        DB 6;
68;
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                                                                                                       Length 1210;
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APPLICANT: SILLAULT, ALAIN
APPLICANT: SILLAULT, ALAIN
TITLE OF INVENTION: A METHOD FOR ISOLATING A POLYNUCLECTIDE OF INTEREST
TITLE OF INVENTION: FROM THE GENOME OF A MYCOBACTERIUM USING A BAC-BASED
TITLE OF INVENTION: DAN LIBRARY: APPLICATION TO THE DETECTION OF
TITLE OF INVENTION: MYCOBACTERIA.
FILE REFERENCE: 05394,0011-00000
CURRENT APPLICATION NUMBER: US/10/802,796
CURRENT FILING DATE: 2004-03-18
PRIOR APPLICATION NUMBER: US/09/673,476
PRIOR APPLICATION NUMBER: US/09/673,476
PRIOR PILLING DATE: 1090-04-16
PRIOR FILING DATE: 1999-04-16
PRIOR FILING DATE: 1999-04-16
PRIOR FILING DATE: 1999-04-16
PRIOR FILING DATE: 1999-04-16
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Publication No. US20050266437A1
GENERAL INFORMATION:
APPLICANT: Veiby, Petter Ole
TITLE OF INVENTION: COMPOSITIONS, KITS, AND METHODS FOR
TITLE OF INVENTION: IDENTIFICATION, ASSESSMENT, PREVENTION,
TITLE DEPERATE. AND OVARIAN CANCER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 60, Application US/10802796 Publication No. US20050250104A1
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                                                                                                                                           SEQ ID NO 60
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CURRENT APPLICATION NUMBER: US/11/080,991
CURRENT FILING DATE: 2005-03-11
PRIOR APPLICATION NUMBER: US/10/176,847
PRIOR FILING DATE: 2002-06-21
NUMBER OF SEQ ID NOS: 112
NUMBER OF SEQ ID NOS: 112
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: COLE,
                                                                                                                                                               NUMBER OF SEQ ID NOS: 743
SOFTWARE: PatentIn Ver. 2
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NAME/KEY: misc feature

LOCATION: 1327, 1328, 1329, 1330, 1331, 1332,

LOCATION: 1337, 1338, 1339, 1340, 1341, 1342,

LOCATION: 1347, 1348, 1349, 1350, 1351, 1352,

LOCATION: 1357, 1358, 1359, 1360, 1361, 1362,

OTHER INFORMATION: n = A,T,C or G
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LOCATION: 1366, 1367, 1368, 1369,
OTHER INFORMATION: n = A,T,C or G
FEATURE: NAME/KEY: modified base LOCATION: (154)..(155)
                                                         LENGTH: 448
TYPE: DNA
ORGANISM: Mycobacterium tuberculosis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
ORGANISM: Homo sapiens
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1343,
1353,
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FILE REFERENCE: 01997.027701

CURRENT APPLICATION NUMBER: US/11/128,061

CURRENT FILING DATE: 2005-05-11

PRIOR APPLICATION NUMBER: US 60/570,425

PRIOR FILING DATE: 2004-05-11

NUMBER OF SEQ ID NOS: 7285

SOFTWARE: Patentin version 3.3

SEQ ID NO 2157

LENGTH: 481

TYPE: DNA

DECAUSE: 01997.027701
                                                                                                         Query Match
Best Local Similarity
Thes 18; Conserve
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RESULT 10
US-11-128-061-5799
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APPLICANT: Melville, Mark W.
APPLICANT: Charlebois, Timoth
APPLICANT: Mounts, William M.
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Best Local
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APPLICANT: Leonard, Mark W.
APPLICANT: Brown, Eugene L.
APPLICANT: Brown, Eugene L.
APPLICANT: Miller, Christopher P.
TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES RELATED TO OLIGONUCLEOTIDE ARRAYS
TITLE OF INVENTION: TO MONITOR GENE EXPRESSION
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OTHER INFORMATION: a, t,
FEATURE:
NAME/KEY: modified_base
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OTHER INFORMATION: a, t,
FEATURE:
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NAME/KEY: misc_feature
LOCATION: (31)...(46)
OTHER INFORMATION: n is
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                                                                                                                                                                                                          FEATURE: misc feature LOCATION: (83)..(101)
                                                                                                                                                                                                                                                                                                                  ORGANISM: Cricetulus griseus
                                                             148 AGCGAGGAGGAGGAGCGCCC 168
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                                                                                    1 AGCGATGAGGAGGAGTGGCGC
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                                                                                                                                     77.1%;
85.7%;
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85.7%;
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Pred. No. 1.5e+02
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                                                                                                                                    Score 16.2;
Pred. No. 1.
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Sequence 5799, Application US/11128061 Publication No. US20060003958A1

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APPLICANT: Trueheart, Jošnua
APPLICANT: Walbridge, Michael J.
APPLICANT: Walbridge, Michael J.
APPLICANT: Yorgey, Peter S.
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR AMINO ACID
TITLE OF INVENTION: PRODUCTION
FILE REFERENCE: 14184-030001
FURENT APPLICATION UMBER: US/10/858,730
CURRENT FILING DATE: 2004-06-01
PRIOR APPLICATION NUMBER: US 60/475,000
PRIOR APPLICATION NUMBER: US 60/551,860
PRIOR APPLICATION NUMBER: US 60/551,860
PRIOR FILING DATE: 2004-03-10
PRIOR FILING DATE: 2004-03-10
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; TYPE: DNA
; ORGANISM: Thermobifida fusca
US-10-858-730-42
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APPLICANT: Leonard, Mark W.
APPLICANT: Leonard, Mark W.
APPLICANT: Brown, Eugene L.
APPLICANT: Miller, Christopher P.
TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES RELATED TO OLIGONUCLEOTIDE ARRAYS
TITLE OF INVENTION: TO MONITOR GENE EXPRESSION
FILE REFERENCE: 01997.027701
CURRENT FILING DATE: 005-05-11
PRIOR APPLICATION NUMBER: US/11/128,061
CURRENT FILING DATE: 2005-05-11
PRIOR APPLICATION NUMBER: US/570,425
PRIOR FILING DATE: 2004-05-11
NUMBER OF SEQ ID NOS: 7285
SOFTWARE: Patentin version 3.3
SEQ ID NO 5799
                                                        NUMBER OF SEQ ID NOS: 364
SOFTWARE: FRANCEQ for Windows Version 4.0
SEQ ID NO 42
LENGTH: 975
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 42, Applica Publication No. US20 GENERAL INFORMATION:
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Best Local
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APPLICANT: Blomquist, Paul
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LOCATION: (31)..(46)
OTHER INFORMATION: n is
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No. US20050255568A1
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O'Toole, George
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85.7%;
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Pred. No. 1
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CURRENT APPLICATION NUMBER: US/11/101,244
CURRENT FILING DATE: 2005-04-07
PRIOR APPLICATION NUMBER: 60/502,050
PRIOR FILING DATE: 2003-09-10
PRIOR APPLICATION NUMBER: 60/426,137
PRIOR APPLICATION NUMBER: 60/426,137
PRIOR FILING DATE: 2002-11-14
NUMBER OF SEQ ID NOS: 1591911
SOFTWARE: Proprietary
SEQ ID NO 1317804
LENGTH: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Wang, Elizabeth
APPLICANT: Chen, C. M. Amy
APPLICANT: Chen, C. M. Amy
APPLICANT: Shamah, Steven M.
TITLE OF INVENTION: METHODS OF PROMOTING CARDIAC CELL
TITLE OF INVENTION: PROLIFERATION
FILE REFERENCE: HYDR-P01-041
CURRENT APPLICATION NUMBER: US/11/108,528
CURRENT FILING DATE: 2005-04-18
PRIOR APPLICATION NUMBER: US 60/563,137
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 60/598,368
PRIOR APPLICATION NUMBER: US 60/598,368
PRIOR FILING DATE: 2004-08-02
NUMBER OF SEG ID NOS: 86
SECTIONARE: FASTSEQ for Windows Version 4.0
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                                                                                                                                                                                                                                                                                                                                                          Sequence 1317804, Application Usephilication No. US20050246794A1
GENERAL INFORMATION:
APPLICANT: Dharmacon, Inc.
APPLICANT: Khvorova, Anastasia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQ ID NO 67
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                                                                                                                                                                                                                                APPLICANT: Leake, Devin
APPLICANT: Marshall, William
APPLICANT: Scaringe, Stephen
TITLE OF INVENTION: Functional and Hyperfunctional
FILE REPERENCE: 13499US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Larsen, Glenn
APPLICANT: Marvin, Martha
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TYPE: DNA
ORGANISM: Homo sapiens
                        TYPE: RNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Homo sapiens
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Reynolds, Angela
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No. US20050261189A1
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85.7%;
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85.7%;
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Pred. No. 1.6e+02;
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Pred. No. 1.6e+02;
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Matches

Query Match

Local

Similarity

73.3%; llarity 82.4%; Conservative

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4; DB 8; 3.1e+02;

Length 19; Indels

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Gaps

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US-11-083-784-1317804
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                                                         CURRENT APPLICATION NUMBER: US/10/802,796
CURRENT FILING DATE: 2004-03-18
PRIOR APPLICATION NUMBER: US/09/673,476
PRIOR FILING DATE: 2002-03-29
PRIOR APPLICATION NUMBER: PCT/IB99/00740
PRIOR FILING DATE: 1999-04-16
PRIOR PELICATION NUMBER: 09/060,756
PRIOR PELICATION NUMBER: 09/060,756
PRIOR FILING DATE: 1998-04-16
NUMBER OF SEQ ID NOS: 743
SEQ ID NO
LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: Proprietary
SEQ ID NO 1317804
LENGTH: 19
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Publication No. US20050250104A1
GENERAL INFORMATION:
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APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                   APPLICANT: GORDON, STEPHEN
APPLICANT: BILLAULT, ALAIN
TITLE OF INVENTION: A METHOD FOR ISOLATING A POLYNUCLEOTIDE OF INTEREST
TITLE OF INVENTION: FROM THE GENOME OF A MYCOBACTERIUM USING A BAC-BASE
TITLE OF INVENTION: MYCOBACTERIA.

TITLE OF INVENTION: MYCOBACTERIA.

TITLE OF INVENTION: MYCOBACTERIA.

PILE REFERENCE: 05394,0011-00000
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PRIOR APPLICATION NUMBER: 60/426,137
PRIOR FILING DATE: 2002-11-14
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CURRENT APPLICATION NUMBER: US/11/083,784
CURRENT FILING DATE: 2005-03-18
                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: COLE, STEWART APPLICANT: BUCHRIESER-BI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT FILING DATE: 2005-03-18
PRIOR APPLICATION NUMBER: US/10/714,333
PRIOR FILING DATE: 2003-11-14
PRIOR APPLICATION NUMBER: 60/502,050
PRIOR APPLICATION NUMBER: 60/502,050
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APPLICANT: Marshall, William
APPLICANT: Scaringe, Stephen
TITLE OF INVENTION: Functional and Hyperfunctional siRNA
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                                             SOFTWARE: PatentIn Ver.
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82.4%;
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Pred. No. 3.1e
2; Mismatches
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Pred. No. 3.1e+02;
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; FEATURE:
, NAME/KEY: modified base
; LOCATION: (139)..(140)
; OTHER INFORMATION: a, t,
US-10-802-796-266
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                                                                                                                                                                                                                                                            Remaining Prior Application data removed NUMBER OF SEQ ID NOS: 446 SEQ ID NO 283
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION: APPLICANT: Pompejus,
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Publication No
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Best Local
                                                                 Matches
                                                                                                                                           TYPE: DNA
ORCANISM: Corynebacterium g
FEATURE:
NAME/KEY: CDS
LOCATION: (101)..(1495)
OTHER INFORMATION: RXA02663
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/11/082,389
CURRENT FILING DATE: 2005-03-16
PRIOR APPLICATION NUMBER: US 09/603024
PRIOR FILING DATE: 2000-06-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: US 60/151281 PRIOR FILING DATE: 1999-08-27 PRIOR APPLICATION NUMBER: DE 19930487.4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: US 60/141031
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: US 60/143262
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Haberhauer, Gregor
TITLE OF INVENTION: CORYNEBACTERIUM GLUTAMICUM GENES ENCODING PROTEINS
TITLE OF INVENTION: INVOLVED IN MEMBRANE SYNTHESIS AND MEMBRANE
TITLE OF INVENTION: TRANSPORT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
                                                                                                                                                                                                                                                                                                                 PRIOR FILING DATE: 1999-08-31
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PRIOR APPLICATION NUMBER: DE
PRIOR FILING DATE: 1999-07-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: DE 19930489.0 PRIOR FILING DATE: 1999-07-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR FILING DATE: 1999-07-01
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                                                                                                                                                                                                                                                LENGTH: 1518
                                                                                Local
                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: DE
                                                                                                                                                                                                                                                                                                                                               FILING DATE: 1999-07
                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: DE 19932134.5
1044 GCGATGAGGAGGCGTGG 1028
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                  2 GCGATGAGGAGGAGTGG 18
                                                             Similarity
16; Conserv
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                                                               Conservative
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Pred. No. 3.
                                                                               Score 15.4; DB 9;
Pred. No. 3.6e+02;
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                                                                                              Length 1518;
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                                                               Gaps
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US-10-750-185-36768/c

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US-10-750-185-36768
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US-10-750-623-36768/c
RESULT 19
US-10-310-914A-15865/c
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US-10-750-623-36768
                                                                                                                                                                                                                                                                               SEQ ID NO 36768
LENGTH: 1877
TYPE: DNA
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Best Local (
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SEQ ID NO 36768
LENGTH: 1877
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APPLICANT: BATES, Stephen
APPLICANT: FANTIN, Dennis
TITLE OF INVENTION: COMPOSITIONS FOR INFERRING BOVINE TRAITS
FILE REFERENCE: MMII100-2
CURRENT APPLICATION NUMBER: US/10/750,185
CURRENT FILING DATE: 2003-12-31
PRIOR APPLICATION NUMBER: US 60/437,482
PRIOR FILING DATE: 2002-12-31
NUMBER OF SEQ ID NOS: 64922
                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: HOLM, Tom
APPLICANT: BATES, Stephen
APPLICANT: FANTIN, Dennis
TITLE OF INVENTION: METHODS AND SYSTEMS FOR INFERRING BOVINE TRAITS
FILE REFERENCE: MMI1100-1
CURRENT APPLICATION NUMBER: US/10/750,623
CURRENT FILING DATE: 2003-12-31
CURRENT FILING DATE: 2003-12-31
                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: US 60/437,482
PRIOR FILING DATE: 2002-12-31
NUMBER OF SEQ ID NOS: 64922
SOFTWARE: PatentIN version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: MMI GENOMICS, INC.
APPLICANT: DeNISE, Sue K.
APPLICANT: KERR, Richard
APPLICANT: ROSENFELD, David
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: MMI GENOMICS, INC.
APPLICANT: DeNISS, Sue K.
APPLICANT: KER, Richard
APPLICANT: KORENFELD, David
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Match 73.3%; Score 15.4; DB 6; Local Similarity 94.1%; Pred. No. 3.6e+02;
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Similarity 94.1%;
                                                                                ACGAGGAGGAGTGGCGC 416
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                                                                                                                                                             Conservative
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                                                                                                                                                                                Score 15.4; DB 6; Length 1877; Pred. No. 3.6e+02;
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-995-561-12142
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APPLICANT: Shiler, Kvuzat
TITLE OF INVENTION: Bioinformatically detectable group of novel regulatory genes and
TITLE OF INVENTION: uses thereof
FILE REFERENCE: 06087.02200.CPUS01
CURRENT APPLICATION NUMBER: US/10/310,914A
CURRENT PILING DATE: 2002-12-06
NUMBER OF SEQ ID NOS: 1388402
SOFTWARE: Patentin version 3.3
SEQ ID NO 15865
LENGTH: 73
LENGTH: 73
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Publication No. US20050272054A1

GENERAL IMFORMATION:
APPLICANT: CARGILL, Michele et al.
TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: DETECTION AND USES THEREOF
FILE REFERENCE: CL001559

CURRENT APPLICATION NUMBER: US/10/995,561

CURRENT FILING DATE: 2004-11-24
CURRENT APPLICATION NUMBER: US/10/995,561
CURRENT FILING DATE: 2004-11-24
NUMBER OF SEQ ID NOS: 85702
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 12160
LENGTH: 201
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 12142
LENGTH: 201
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                            Matches
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Best Local
                                                                                                                   APPLICANT: CARGILL, Michele et al.
TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: CARDICOVASCULAR DISORDERS AND DRUG RESPONSE, METHODS OF
TITLE OF INVENTION: DETECTION AND USES THEREOF
FILE REFERENCE: CL001559
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ORGANISM: Human
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17; Conserv
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85.0%;
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Pred. No. 4.1e+02;
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Pred. No. 4e
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RESULT 24
US-10-995-561-12318
; Sequence 12318, Application US/10995561
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US-10-995-561-12160
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Publication No. US20050272054A1

GENERAL INFORMATION:
APPLICANT: CARCILL, Michele et al.
TITLE OF INVENTION: CARDITIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: CARDITIONASCULAR DISORDERS AND DRUG RESPONSE, METHODS
TITLE OF INVENTION: DETECTION AND USES THEREOF
FILE REFERENCE: CL001559

CURRENT EILING DATE: 2004-11-24

NUMBER OF SEQ ID NOS: 85702

SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
APPLICANT: CARGILL, Michele et al.
APPLICANT: CARGILL, Michele et al.
TITLE OF INVENTION: CARDIOVASCULAR DISORDERS AND DRUG RESPONSE, METHODS ITTLE OF INVENTION: DETECTION AND USES THEREOF
FILE REFERENCE: CL001559
CURRENT APPLICATION NUMBER: US/10/995,561
CURRENT PILING DATE: 2004-11-24
NUMBER OF SEQ ID NOS: 85702
SOFTWARE: FREESEQ for Windows Version 4.0
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LENGTH: 201
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ORGANISM: Homo sapiens
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17; Conserv
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Pred. No. 4.1e+02;
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Pred. No. 4.1e+02;
                                                                                                                                               Score 15.2; DB 6;
Pred. No. 4.1e+02;
0; Mismatches 3
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RESULT 26
US-10-802-796-567
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; ORGANISM: Homo sapiens
US-10-995-561-62324
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Publication No. US20050272054A1
GENERAL INFORMATION:
APPLICANT: CARGILL, Michele et al.
TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: CARDIOVASCULAR DISORDERS AND DRUG RESPONSE, METHODS OF
TITLE OF INVENTION: DETECTION AND USES THEREOF
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CURRENT FILING DATE: 2004-11-24
NUMBER OF SEQ ID NOS: 85702
SOFTWARE: FREESEQ for Windows Version 4.0
SEQ ID NO 12318
LENGTH: 201
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CURRENT APPLICATION NUMBER: US/10/995,561
CURRENT FILING DATE: 2004-11-24
NUMBER OF SEQ ID NOS: 85702
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 62324
LENGTH: 201
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GENERAL INFORMATION:
APPLICANT: CARGILL, Michele et al.
TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: CARDIOVASCULAR DISORDERS AND DRUG RES
TITLE OF INVENTION: DETECTION AND USES THEREOF
FILE REPERENCE: CL001559
                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                     Sequence 567, Application US/10802796 Publication No. US20050250104A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches
APPLICANT: BUCHRIESER-BROSCH, ROLAND
APPLICANT: GONDON, STEPHEN
APPLICANT: BILLAULT, ALAIN
TITLE OF INVENTION: A METHOD FOR ISOLATING A POLYNUCLEOTIDE OF INT
TITLE OF INVENTION: PROM THE GENOME OF A MYCOBACTERIUM USING A BAT
TITLE OF INVENTION: DNA LIBRARY, APPLICATION TO THE DETECTION OF
TITLE OF INVENTION: WYCOBACTERIA.
FILE REFERENCE: 05394.0011-00000
CURRENT APPLICATION NUMBER: US/10/802,796
CURRENT FILLING DATE: 2004-03-18
PRIOR APPLICATION NUMBER: US/09/673,476
PRIOR FILLING DATE: 2002-03-29
                                                                                                                                                                                                                                                             APPLICANT: COLE, STEWART
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                        63
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85.0%;
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Pred. No. 4.1e+02
0; Mismatches :
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Pred. No. 4.1e+02;
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Best Local Similarity
Matches 17; Conserv
                                                                                               Sequence 16, Application US/11147047 Publication No. US20050260668A1 GENERAL INFORMATION:
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NAME/KEY: modified base
LOCATION: (13)
OTHER INFORMATION: a, t, c
FEATURE:
NAME/KEY: modified base
LOCATION: (15)
OTHER INFORMATION: a, t, c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: PatentIn Ver. 2.2
SEQ ID NO 567
LENGTH: 374
TYPE: DNA
                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: a, t, c or g -10-802-796-567
          APPLICANT: Agarwal, Pankaj
APPLICANT: Murdock, Paul R.
APPLICANT: Rizvi, Safia K.
APPLICANT: Smith, Randall F.
APPLICANT: Xiang, Zhaoying
TITLE OF INVENTION: NOVEL COMPOUNDS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: PCT/IB99/00740
PRIOR FILING DATE: 1999-04-16
PRIOR APPLICATION NUMBER: 09/060,756
PRIOR FILING DATE: 1998-04-16
NUMBER OF SEQ ID NOS: 743
FILE REFERENCE: GP50016
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OTHER INFORMATION: a, t,
                                                                                                                                                                                                                                                                                                                                                                                                           PEATURE: modified_base
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OTHER INFORMATION: a, t,
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DTHER INFORMATION: a, t,
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OTHER INFORMATION: a, t,
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NAME/KEY: modified_base
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OTHER INFORMATION: a, t,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME/KEY: modified_base
LOCATION: (268)
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81.0%; Pred. No. 4.
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RESULT 29
US-10-750-623-26148
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; ORGANISM: Bovine
US-10-750-185-26148
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                                                                                                                            Query Match
Best Local Similarity 85...
Thes 17; Conservative
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SOFTWARE: FASTSEQ for Windows Version
SEQ ID NO 16
LENGTH: 597
TYPE: DNA
ORGANISM: Homo sapiens
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Best Local Similarity 85.0
Matches 17; Conservative
                                                                                                                                                                                                                                                                                                                      SOFTWARE: PatentIN version 3.1 SEQ ID NO 26148
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:

APPLICANT: MMI GENOMICS, INC.

APPLICANT: DENISE, Sue K.

APPLICANT: KERR, Richard
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 26148, Application US/10750185 Publication No. US20050260603A1
                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/10/750,185
CURRENT FILING DATE: 2003-12-31
PRIOR APPLICATION NUMBER: US 60/437,482
PRIOR FILING DATE: 2002-12-31
NUMBER OF SEO ID NOS: 64922
                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: ROSENFELD, David
APPLICANT: HOLM, Tom
APPLICANT: BATES, Stephen
APPLICANT: FANTIN, Dennis
TITLE OF INVENTION: COMPOSITIONS FOR INFERRING BOVINE TRAITS
FILE REFERENCE: MMII100-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: 60/236,874
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/188,916
PRIOR FILING DATE: 2000-03-13
PRIOR APPLICATION NUMBER: 60/237,846
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/11/147,047
CURRENT FILING DATE: 2005-06-07
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PRIOR FILING DATE: 2002-09-06
PRIOR APPLICATION NUMBER: PCT/US01/07143
PRIOR FILING DATE: 2001-03-05
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PRIOR FILING DATE: 2000-03-06
                                                                                                                                                                                                                                                                                                   LENGTH: 682
                                                                              230 GCGÁTGGGGAGAAGTGGGGC 249
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85.0%;
                                                                                                                                                                             72.4%; Score 15.2; DB 6; 85.0%; Pred. No. 4.3e+02;
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Pred. No. 4.3e+02
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Sequence 26148, Application US/10750623
Publication No. US20050287531A1
GENERAL INFORMATION:
APPLICANT: MMI GENOMICS, INC.
APPLICANT: DeNISE, Sue K.

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US-10-995-561-470
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                  JS-10-516-768-10
GENERAL INFORMATION:
APPLICANT: CARGILL, Michele et al.
TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: CARDIOVASCULAR DISORDERS AND DRUG RESPONSE, METHODS
TITLE OF INVENTION: DETECTION AND USES THEREOF
FILE REFERENCE: CLOO1559
CURRENT APPLICATION NUMBER: US/10/995,561
CURRENT FILING DATE: 2004-11-24
NUMBER OF SEQ ID NOS: 85702
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 10, Application US/10516768
Publication No. US20050256302A1
GENERAL INFORMATION:
APPLICANT: MINAMINO, NAOTO
APPLICANT: KATAFUCHI, TAKESHI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: BATES, Stephen
APPLICANT: FANTIN, Dennis
APPLICANT: FANTIN, Dennis
TITLE OF INVENTION: METHODS AND SYSTEMS FOR INFERRING BOVINE TRAITS
CURRENT FAPPLICATION NUMBER: US/10/750,623
CURRENT FILING DATE: 2003-12-31
PRIOR APPLICATION NUMBER: US 60/437,482
PRIOR FILING DATE: 2002-12-31
NUMBER OF SEQ ID NOS: 64922
SOFTWARE: PatentIN version 3.1
SEQ ID NO 26148
LENGTH: 682
                                                                                                                                                                              Sequence 470, Appublication No.
                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: PCT/JP03/06641
PRIOR FILING DATE: 2003-05-28
PRIOR APPLICATION NUMBER: JP 2002-162797
PRIOR FILING DATE: 2002-06-04
NUMBER OF SEQ ID NOS: 52
SOFTWARE: Patentin Ver. 3.3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/10/516,768
CURRENT FILING DATE: 2004-12-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: KATAFUCHI, TAKESHI
TITLE OF INVENTION: NOVEL PEPTIDES HAVING CAMP PRODUCING ACTIVITY
FILE REFERENCE: 62273 (71526)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 686
TYPE: DNA
ORGANISM: Canis sp.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Bovine 19866881636281
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                      Match 72.4%;
Local Similarity 85.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              230 GCGATGGGGAGAAGTGGGGC 249
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                                                                                                                                                                                Application US/10995561
o. US20050272054A1
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Pred. No. 4.
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Pred. No. 4
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                                                                                                                                                                                                                                                                                                                                                                                                                         DB 6; Length 686;
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PRIOR APPLICATION NUMBER: US 60/437,482
PRIOR FILING DATE: 2002-12-31
NUMBER OF SEQ ID NOS: 64922
SOPTWARE: PATENTIN VERBION 3.1
SEQ ID NO 57897
LENGTH: 2095
TYPE: DNA
ORGANISM: Bovine 19866880936915
US-10-750-185-57897
                                                                                                                                                                                                                                                                                                                                  US-10-750-623-57897; Sequence 57897, Application US/10750623; Publication No. US20050287531A1
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                                                                                                                                                                                                                                                                                                                                                                                            RESULT 33
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PRIOR APPLICATION NUMBER: US 60/437,482
PRIOR FILING DATE: 2002-12-31
NUMBER OF SEQ ID NOS: 64922
SOFTWARE: PatentIN version 3.1
SEQ ID NO 57897
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 470
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Best Local Similarity
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APPLICANT: HOLM, Tom
APPLICANT: BATES, Stephen
APPLICANT: FANTIN, Dennis
TITLE OF INVENTION: COMPOSITIONS FOR INFERRING
FILE REFERENCE: MMILLION-2
                                                                                               APPLICANT: BATES, Stephen
APPLICANT: FANTIN, Dennis
TITLE OF INVENTION: METHODS AND SYSTEMS FOR INFERRING BOVINE TRAITS
FILE REFERENCE: MMI1100-1
CURRENT APPLICATION NUMBER: US/10/750,623
CURRENT FILING DATE: 2003-12-31
                                                                                                                                                                                                                                                       APPLICANT: MMI GENOMICS, INC. APPLICANT: DeNISE, Sue K. APPLICANT: KERR, Richard
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/10/750,185
CURRENT FILING DATE: 2003-12-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: MMI GENOMICS, INC. APPLICANT: DENISE, Sue K. APPLICANT: KERR, Richard
                                                                                                                                                                                                                     APPLICANT:
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Pred. No. 4.5e+02
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; ORGANISM: Bovine
US-10-750-623-57897
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RESULT 36
US-11-069-834-59
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Publication No. US20050272054A1

GENERAL INFORMATION:
APPLICANT: CARGILL, Michele et al.
TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: CARDIOVASCULAR DISORDERS AND DRUG RES
TITLE OF INVENTION: DETECTION AND USES THEREOF
FILE REFERENCE: CL001559
CURRENT APPLICATION NUMBER: US/10/995,561
CURRENT FILING DATE: 2004-11-24
NUMBER OF SEQ ID NOS: 85702
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Matches
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Matches
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SEQ ID NO 472
LENGTH: 6700
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SEQ ID NO 473
LENGTH: 6683
                                                                                                                                                                   Query Match
Best Local :
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                                                                                                                                                                                                                                                                                                                                                   APPLICANT: CARGILL, Michele et al.
TITLE OF INVENTION: GENETIC POLYMOPPHISMS ASSOCIATED WITH
TITLE OF INVENTION: CARDIOVASCULAR DISORDERS AND DRUG RES
TITLE OF INVENTION: DETECTION AND USES THEREOF
FILE REFERENCE: CLOO1559
CURRENT APPLICATION NUMBER: US/10/995,561
CURRENT FILING DATE: 2004-11-24
                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                          ORGANISM: Homo sapiens
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                                                                                                                                                                                                                                                             TYPE: DNA
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Local Similarity 85.0%;
les 17; Conservative
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                                                                          1058 AGCGATGAGGAAGATGGGCG 1077
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Similarity 85.0%;
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                                                                                                                                                Conservative
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                                                                                                                                              Score 15.2; DB 6;
Pred. No. 4.7e+02;
0; Mismatches 3
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Pred. No. 4.7e+02;
0; Mismatches 3;
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Pred. No. 4.5e+02;
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Sequence 474, Application US/1099561
Publication No. US20050272054A1
GENERAL INFORMATION:
APPLICANT: CARGILL, Michele et al.
TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: CARDIOVASCULAR DISORDERS AND DRUG RESPONSE,
TITLE OF INVENTION: DETECTION AND USES THEREOF
FILE REFERENCE: CL001559
CURRENT APPLICATION NUMBER: US/10/995,561
CURRENT FILING DATE: 2004-11-24
NUMBER OF SEQ ID NOS: 85702
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publication No. US20050272054A1

GENERAL INFORMATION:
APPLICANT: CARGILL, Michele et al.
TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: CARDIOVASCULAR DISORDERS AND DRUG RESPONSE, METHODS OF
TITLE OF INVENTION: DETECTION AND USES THEREOF
FILE REFERENCE: CL001559
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 471
LENGTH: 6833
TYPE: DNA
ORGANISM: Homo sapiens
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LENGTH: 6786
TYPE: DNA
ORGANISM: Homo sapiens
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APPLICANT: CARROLL, MICHAEL C.
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Publication No. US20050276811A1
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Best Local (
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Best Local Similarity
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APPLICANT: MECHYWAN, HERBERT B.
TITLE OF INVENTION: NATURAL IGM ANTIBODIES AND INHIBITORS THEREOF
FILE REFERENCE: CRA-002.01
CURRENT APPLICATION NUMBER: US/11/069,834
CURRENT FILING DATE: 2005-03-01
PRIOR APPLICATION NUMBER: 60/588,648
PRIOR PILING DATE: 2004-07-16
PRIOR PILING DATE: 2004-07-16
PRIOR PILING DATE: 2004-03-01
PRIOR APPLICATION NUMBER: 60/549,123
PRIOR FILING DATE: 2004-03-01
NUMBER: OF SEQ ID NOS: 65
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/10/995,561
CURRENT FILING DATE: 2004-11-24
NUMBER OF SEQ ID NOS: 85702
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Pred. No. 4.7e+02;
0; Mismatches
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Pred. No. 4.7e+02
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US-10-995-561-474
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                                      US-11-112-908-29
                                                                                                                                                                                               FILE REFERENCE: 04-164-US
CURRENT APPLICATION NUMBER: US/11/112,908
CURRENT FILING DATE: 2005-04-22
PRIOR APPLICATION NUMBER: US 60/564,758
PRIOR FILING DATE: 2004-04-23
PRIOR APPLICATION NUMBER: US 60/575,978
PRIOR FILING DATE: 2004-06-01
PRIOR APPLICATION NUMBER: US 60/631,702
PRIOR APPLICATION NUMBER: US 60/631,702
PRIOR FILING DATE: 2004-11-30
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Publication No. US20050272054A1

GENERAL INFORMATION:
APPLICANT: CARGILL, Michele et al.
TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: DETECTION AND USES THEREOF
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SEQ ID NO 474
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Matches
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LENGTH: 38449
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Best Local Similarity
 Query Match
                                                                                                            SEQ ID NO 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 29, Application US/11112908 Publication No. US20050260659A1
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CURRENT FILING DATE: 2004-11-24
NUMBER OF SEQ ID NOS: 85702
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                 PRIOR APPLICATION NUMBER: US 60/633,826
PRIOR FILING DATE: 2004-12-07
NUMBER OF SEQ ID NOS: 511
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                                                                                                                             SOFTWARE: PatentIn version 3.3
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APPLICANT: Davis, Lisa M.
                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: Breast Cancer Biomarkers
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                                                      ORGANISM: Homo sapiens
                                                                                           LENGTH: 131855
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Local Similarity 85.0%;
nes 17; Conservation
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Pred. No. 4.7e
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Pred. No. 4
 Score 15.2;
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4.7e+02;
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DB 7;
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Length 131855;
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Query Match
Best Local Similarity
Watches 17; Conserve
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US-11-112-908-24
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; ORGANISM: Homo sapiens
US-11-112-908-30
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US-11-112-908-30
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CURRENT FILING DATE: 2005-04-22
PRIOR APPLICATION NUMBER: US 60/564,758
PRIOR FILING DATE: 2004-04-23
PRIOR PRIOR APPLICATION NUMBER: US 60/575,978
PRIOR FILING DATE: 2004-06-01
PRIOR APPLICATION NUMBER: US 60/631,702
PRIOR FILING DATE: 2004-11-30
PRIOR FILING DATE: 2004-12-07
PRIOR PRIOR APPLICATION NUMBER: US 60/633,826
PRIOR FILING DATE: 2004-12-07
NUMBER OF SEQ ID NOS: 511
                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Harris, Cole
APPLICANT: Davis, Lisa M.
TITLE OF INVENTION: Breast Cancer Biomarkers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 30, Application No. US20 GENERAL INFORMATION:
                                                                                                       SOFTWARE: PatentIn version 3.3
SEQ ID NO 24
LENGTH: 150314
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SEQ ID NO 30
LENGTH: 143389
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Publication No.
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Query Match
Best Local Similarity
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PRIOR FILING DATE: 2004-11-30
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APPLICANT: Davis, Lisa M.
TITLE OF INVENTION: Breast Cancer Biomarkers
FILE REFERENCE: 04-164-US
                                                                                                                                                                                  PRIOR APPLICATION NUMBER: US 60/633,826 PRIOR FILING DATE: 2004-12-07
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                                                                                                                                                               NUMBER OF SEQ ID NOS: 511
                                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: US 60/564,758
PRIOR FILING DATE: 2004-04-23
                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/11/112,908
CURRENT FILING DATE: 2005-04-22
                                                                                                                                                                                                                                                                                                                                                                   FILE REFERENCE: 04-164-US
                                                                   TYPE: DNA
ORGANISM: Homo sapiens
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No. US20050260659A1
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No. 5e+02;
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RESULT 44
US-11-121-086-4/c
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US-11-112-908-51
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                                                                                                                                          ; TYPE: DNA; ORGANISM: Homo sapiens US-11-121-086-4
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Publication No. US20050266459A1
GENERAL INFORMATION:
APPLICANT: POULSEN, TIM S.
APPLICANT: NIELSEN, KIRSTEN V.
APPLICANT: NIELSEN, KIRSTEN V.
APPLICANT: NIELSEN, KIRSTEN V.
APPLICANT: OF INVENTION: NUCLEIC ACID PROBES AND NUCLEIC ACID ANALOG PROBES
FILE REFERENCE: 09138.6000-0000
CURRENT APPLICATION NUMBER: US/11/121,086
CURRENT FILING DATE: 2005-05-04
CURRENT FILING DATE: 2005-05-04
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                                                                                                                                                                                             SEQ ID NO 4
LENGTH: 164810
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Best Local Similarity
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APPLICANT: Davis, Liea M.
TITLE OF INVENTION: Breast Cancer Biomark
FILE REFERENCE: 04-164-US
CURRENT APPLICATION NUMBER: US/11/112,908
CURRENT FILING DATE: 2005-04-22
                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: 60/567,570 PRIOR FILING DATE: 2004-05-04 NUMBER OF SEQ ID NOS: 107
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: US 60/575,978
PRIOR FILING DATE: 2004-06-01
PRIOR APPLICATION NUMBER: US 60/631,702
PRIOR FILING DATE: 2004-11-30
PRIOR APPLICATION NUMBER: US 60/633,826
PRIOR FILING DATE: 2004-12-07
NUMBER OF SEQ ID NOS: 511
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PRIOR APPLICATION NUMBER: US 60/564,758
PRIOR FILING DATE: 2004-04-23
                                                                                                                                                                                                                                   SOFTWARE: PatentIn version 3.3
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68138 AGTGATCAGGAGGAGAGGCG 68119
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85.0%;
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                                                                      Score 15.2; D
Pred. No. 5e+0
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                                                                                       2; DB 7;
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APPLICANT: Harris, Cole
APPLICANT: Davis, Lisa M.
TITLE OF INVENTION: Breast Cancer Biomarkers
FILE REFERENCE: 04-164-US
CURRENT APPLICATION NUMBER: US/11/112,908
CURRENT FILING DATE: 2005-04-22
PRIOR APPLICATION NUMBER: US 60/564,758
PRIOR FILING DATE: 2004-04-23
PRIOR APPLICATION NUMBER: US 60/575,978
PRIOR APPLICATION NUMBER: US 60/575,978
PRIOR APPLICATION NUMBER: US 60/631,702
PRIOR APPLICATION NUMBER: US 60/631,702
PRIOR FILING DATE: 2004-11-30
PRIOR FILING DATE: 2004-12-07
NUMBER OF SEQ ID NOS: 511
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US-11-112-908-50
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 50, Application US/11112908 Publication No. US20050260659A1 GENERAL INFORMATION:
                                                                          Matches
                                                                                             Query Match
Best Local
                                                                                                                                                                                                                                  SEQ ID NO 50
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local (
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                                                                                                                                                                                                                                                   PRIOR FILING DATE: 2004-11-30
PRIOR APPLICATION NUMBER: US 60/633,826
PRIOR FILING DATE: 2004-12-07
NUMBER OF SEQ ID NOS: 511
SOFTWARE: PatentIn version 3.3
                                                                                                                                                                                                                                                                                                                                                   CURRENT FILING DATE: 2005-04-22
PRIOR APPLICATION NUMBER: US 60/564,758
PRIOR FILING DATE: 2004-04-23
PRIOR APPLICATION NUMBER: US 60/575,978
PRIOR FILING DATE: 2004-06-01
PRIOR APPLICATION NUMBER: US 60/631,702
PRIOR FILING DATE: 2004-06-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: Breast Cancer Biomarkers FILE REFERENCE: 04-164-US CURRENT APPLICATION NUMBER: US/11/112,908 CURRENT FILING DATE: 2005-04-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Harris, Cole APPLICANT: Davis, Lisa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: PatentIn version 3.3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Homo sapiens
                                                                                                                                                                        ORGANISM: Homo sapiens
                                                                                                                                                                                             TYPE: DNA
                                                                                                                                                                                                                LENGTH:
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46416
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                                                                          l Similarity 85.
                                                                                                                                                                                                                  170189
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                           AGCGATGAGGAGGAGTGGCG
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AGGGATGAGGGGGGAGTGGAG 46435
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85.0%;
                                                                                             72.4%;
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                                                                                           Score 15.2; DB 7; Length 170189; Pred. No. 5e+02;
                                                                               Mismatches
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RESULT 47

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US-11-101-244-945697

(Sequence 945697, Application US/11101244)

(Publication No. US20050246794A1)

(GENERAL INFORMATION:

(APPLICANT: Dharmacon, Inc.)

(APPLICANT: Khvorova, Anastasia)

(APPLICANT: Reynolds, Angela

(APPLICANT: Leake, Devin

(APPLICANT: Leake, Devin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; TYPE: DNA
; ORGANISM: Homo sapiens
US-11-121-086-41
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Sequence 41, Application US/11121086
Publication No. US20050266459A1
GENERAL INFORMATION:
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US-11-117-187-211/c
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LENGTH: 1082144
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LENGTH: 181172
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Best Local :
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APPLICANT:
TITLE OF IN
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APPLICANT: NIELSEN, KIRSTEN V.
APPLICANT: NIELSEN, KIRSTEN V.
TITLE OF INVENTION: NUCLEIC ACID PROBES AND NUCLEIC ACID ANALOG PROBES
FILE REFERENCE: 09138.6000-00000
CURRENT APPLICATION NUMBER: US/11/121,086
CURRENT FILING DATE: 2005-05-04
PRIOR APPLICATION NUMBER: 60/567,570
PRIOR PILING DATE: 2004-05-04
NUMBER OF SEQ ID NOS: 107
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR FILING DATE: 2000-03-17
PRIOR APPLICATION NUMBER: 60/125,219
PRIOR FILING DATE: 1999-03-18
NUMBER OF SEQ ID NOS: 212
SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/11/117,187
CURRENT FILING DATE: 2005-04-28
PRIOR APPLICATION NUMBER: US/09/531,120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: COPENHAVER, GREGORY TITLE OF INVENTION: PLANT ARTIFICIAL CHROMOSOME COMPOSITIONS AND METHODS FILE REFERENCE: ARCD:309US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: PatentIn version 3.3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
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I: Scaringe, Stephen
INVENTION: Functional and Hyperfunctional siRNA
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                                    Khvorova, Anastasia
Reynolds, Angela
Leake, Devin
Marshall, William
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Pred. No. 3.9e+02;
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Pred. No. 5
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Search completed: January 12, Job time: 324.503 secs
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US-11-101-244-945697
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SOFTWARE: Proprietary
SEQ ID NO 945697
LENGTH: 19
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SEQ ID NO 945697
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Best Local &
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APPLICANT:
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CURRENT FILING DATE: 2005-04-07
PRIOR APPLICATION NUMBER: 60/502,050
PRIOR FILING DATE: 2003-09-10
PRIOR APPLICATION NUMBER: 60/426,137
PRIOR FILING DATE: 2002-11-14
NUMBER: OF SEQ ID NOS: 1591911
                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: US/10/714,333
PRIOR FILING DATE: 2003-11-14
PRIOR APPLICATION NUMBER: 60/502,050
                                                                                                                                                                                                                                                                                                                                                                                                                                FILE REFERENCE: 13499US
CURRENT APPLICATION NUMBER: US/11/083,784
CURRENT FILING DATE: 2005-03-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Leake, Devin
APPLICANT: Marshall, William
APPLICANT: Scaringe, Stephen
TITLE OF INVENTION: Functional and Hyperfunctional sirNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Dharmacon, APPLICANT: Khvorova,
                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: 60/426,137 PRIOR FILING DATE: 2002-11-14
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Similarity 86.7%;
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86.7%;
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Pred. No.
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Pred. No. 4.6e+02;
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/cgn2_6/ptodata/1/ina/1_COMB.seq:*
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/cgn2_6/ptodata/1/ina/B_COMB.seq:*
/cgn2_6/ptodata/1/ina/PGTUS_COMB.seq:*
/cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*
/cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*
/cgn2_6/ptodata/1/ina/RE_COMB.seq:*
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3 US-09-103-840A-1
3 US-09-103-840A-1
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US-08-311-731A-138
US-08-311-731A-24
US-08-311-731A-24
US-08-653-648A-3
US-08-653-648A-3
US-09-564-418-62
US-08-633-648A-4
US-09-644-418-62
US-09-644-418-62
US-09-644-418-62
US-09-533-559-2252
US-08-311-731A-134
US-09-611-731A-134
US-09-111-731A-134
US-09-111-731A-134
US-09-111-731A-134
US-09-118-545-24
US-09-621-011-89
US-09-621-011-89
US-09-905-125A-126
US-09-905-75A-126
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RESULT 2
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; Patent No. 6294328
; PATERAL INFORMATION:
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APPLICANT: WHITE, Owen R.
APPLICANT: FRASER, Claire M.
APPLICANT: VENTER, John C.
TITLE OF INVENTION: DNA SEQUENCES FOR STRAIN
TITLE OF INVENTION: TUBERCULOSIS
FILE REFERENCE: 24366-2007.00
CURRENT APPLICATION NUMBER: US/99/103,840A
CURRENT APPLICATION NUMBER: US/99/103,840A
CURRENT FILING DATE: 1998-06-24
NUMBER OF SEQ ID NOS: 2
SOFTWARE: PatentIn Ver. 2.1
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OTHER INFORMATION: "n" bases at various positions throughout the sequence
OTHER INFORMATION: represent a, t, c or g
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APPLICANT: WHITE, Owen R.

APPLICANT: FRASER, Claire M.

APPLICANT: VENTER, John C.

ITITLE OF INVENTION: DNA SEQUENCES FOR STRAI.

ITITLE OF INVENTION: TUBERCULOSIS

FILE REFERENCE: 24366-20007.00

CURRENT APPLICATION NUMBER: US/09/103,840A

CURRENT FILING DATE: 1998-06-24

NUMBER OF SEQ ID NOS: 2

SOFTWARE: PATENTIN VET. 2.1

SEQ ID NO 1

LENGTH: 4411529

TYPE: DNA

ORGANIC:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: FLEISCHMAN, Robert D.
APPLICANT: WHITE, Owen R.
APPLICANT: FRASER, Claire M.
APPLICANT: FRASER, Claire M.
APPLICANT: VENTER, John C.
TITLE OF INVENTION: DNA SEQUENCES FOR STRAIN
TITLE OF INVENTION: TUBERCULOSIS
FILE REFERENCE: 24366-20007.00
CURRENT APPLICATION NUMBER: US/09/103,840A
CURRENT FILING DATE: 1998-06-24
NUMBER OF SEQ ID NOS: 2
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 2
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APPLICANT: FLEISCHMAN, Robert D.
APPLICANT: WHITE, Owen R.
APPLICANT: FRASER, Claire M.
APPLICANT: VENTER, John C.
TITLE OF INVENTION: DNA SEQUENCES FOR THE REFERENCE: 24366-20007.00
                                                                                                               Sequence 1, Application US/09103840A Patent No. 6294328 GENERAL INFORMATION:
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Matches
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OTHER INFORMATION: "n" bases
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SEQ ID NO 1

ENGTH: 4411529

NUMBER OF SEQ ID NOS: 2 SOFTWARE: PatentIn Ver. 2.1

CURRENT APPLICATION NUMBER: US/09/103,840A CURRENT FILING DATE: 1998-06-24

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; TOPOLOGY: circular
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Mycobacterium leprae
US-08-311-731A-138
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US-08-311-731A-138
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                                                                Query Match
Best Local S
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                                                    Matches
                                                                                                                                                                                                                                                                                    TELEFAX: 617/720-2441
INFORMATION FOR SEQ ID NO: 138:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: GATES, EDWARD R.
REGISTRATION NUMBER: 31,616
REFERENCE/DOCKET NUMBER: C004
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA ORGANISM: Mycobacterium tuberculosis OTHER INFORMATION: H37Rv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: SMITH, DOUGLAS
APPLICANT: MAO, JEN-1
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES
TITLE OF INVENTION: RELATING TO MYCOBACTERIUM TUBERCULOSIS AND LAPRAE
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
ADDRESSEE: WOLF, GRE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1644357 GCGCCGACGACGATGCAGAGCG 1644336
                                                                                                                                                                                                                                               TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE:
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Similarity 100.0%;
                                                                  Similarity
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: MASSACHUSETTS
CGCCGACGACGATGCAGAGCG 29
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                                                                                                                                                                                                                                     double
                                                 39.6%; Score 21;
100.0%; Pred. No.
tive 0; Mismatc
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                                                    Mismatches
                                                                  DB 3;
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                                                                                                                                                                                                                   Sequence 24, Application US/08311731A
Patent No. 6583266
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Best Local (
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INFORMATION FOR SEQ ID NO: 138:
APPLICANT: SMITH, DUDGES.
APPLICANT: MAO, JEN-I
APPLICANT: MAO, JEN-I
APPLICANT: MAO, JEN-I
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES
TITLE OF INVENTION: RELATING TO MYCOBACTERIUM TUBERCULOSI:
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
NUMBER OF SEQUENCES: 411
CORRESPONDENCE ADDRESS:
ADDRESSEE: WOLF, GREENFIELD & SACKS, P.C.
STREET: 600 ATLANTIC AVENUE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE:
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: GATES, EDWARD R.
REGISTRATION NUMBER: 31,616
REFERENCE/DOCKET NUMBER: C004
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE:
HYPOTHETICAL: N
ANTI-SENSE: NO
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ORGANISM: Myc
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TELEPHONE: 617/720-3500
TELEFAX: 617/720-2441
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC-DOS/MS-DOS
CORRESTING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: nuclear couble STRANDEDNESS: double TOPOLOGY: circular TOPOLOGY: DNA (g)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: PatentIn Release #1.0, Version #1. CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
ADDRESSEE: WOLF, GRE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: SMITH, APPLICANT: MAO, JI
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ZIP: 02210
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                                                                                                                                                                                                                                                                                                                                                                                                                                   39.6%; Score 21; 100.0%; Pred. No.
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                                                                                                            MYCOBACTERIUM TUBERCULOSIS AND THERAPEUTICS
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0.22;
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                                                                                                                                          PRIOR APPLICATION NUMBER: GB 9510
PRIOR FILING DATE: 1995-05-26
PRIOR APPLICATION NUMBER: GB 9600
PRIOR FILING DATE: 1996-03-18
PRIOR FILING DATE: 1996-03-07
PRIOR FILING DATE: 1995-07-07
PRIOR APPLICATION NUMBER: GB 9510
PRIOR APPLICATION NUMBER: GB 9510
PRIOR FILING DATE: 1995-08-24
NUMBER OF SEQ ID NOS: 65
SOFTWARE: PatentIn version 3.0
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                                                                                                      SEQ ID NO 10
LENGTH: 246
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: 617/720-24:
INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 38494 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 38494 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: circular
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: MYCOBACTERIUM LEPRAE
                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/08/653,648A CURRENT FILING DATE: 1996-05-24
                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Martine:
TITLE OF INVENTION:
FILE REFERENCE: PI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            08-653-648A-10/c
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FEATURE:
NAME/KEY: modified base
LOCATION: (224)..(224)
OTHER INFORMATION: i
                                                                 TYPE: DNA
ORGANISM: Heliothis virescens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ATTORNEY/AGENT INFORMATION:
NAME: GATES, EDWARD R.
REGISTRATION NUMBER: 31,616
REFERENCE/DOCKET NUMBER: COU
TELECOMMUNICATION INFORMATION:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/08/311,731A FILING DATE: CLASSIFICATION: 530
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                                                                                                          2463
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6379945
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Martinez, Alberto
NVENTION: A Gene Switch
NVE: PPD50047/US
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1995-05-26
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100.0%; F1
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; Pred. No.
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PRIOR APPLICATION NUMBER:
PRIOR FILING DATE: 1995-0
NUMBER OF SEQ ID NOS: 65
SOFTWARE: PatentIn versio;
SEQ ID NO 3
LENGTH: 2464
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; REATURE:
, NAME/KEY: Unsure
, LOCATION: (2241)..(2241)
, OTHER INFORMATION: Unsure
US-08-653-648A-3
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Best Local Similarity
                            SOPTWARE: PatentIn version 3.0
SEQ ID NO 3
LENGTH: 2464
                                                                                                                                                                                                                                                                    Sequence 3, Application US/09564418 Patent No. 6610828 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                               Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Jepson, Andrew APPLICANT: Greenland, Andrew APPLICANT: Martinez, Alberto A Gene
                                                                                                                                                                                 APPLICANT: Syngenta
APPLICANT: Jepson, Ian
APPLICANT: Martinez, Alberto
APPLICANT: Greenland, Andrew James
TITLE OF INVENTION: A GENE SWITCH
                                                                                PRIOR APPLICATION NUMBER: US 09/564,418
PRIOR FILING DATE: 2000-05-03
NUMBER OF SEQ ID NOS: 63
                                                                                                                                    FILE REFERENCE: 1392/4/3
CURRENT APPLICATION NUMBER: US/09/564,418
CURRENT FILING DATE: 2000-05-03
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Heliothis virescens
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                   TYPE: DNA
ORGANISM: Heliothis virescens
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20; Conserv
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100.0%; Pr
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Pred. No.
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; NAME/KEY: misc
; LCCATION: (2241)..(2241)
; OTHER INFORMATION: n is a,
US-09-564-418-3
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, NAME/KEY: misc feature
; LOCATION: (224)..(224)
; OTHER INFORMATION: n = a, c,
US-09-564-418-62
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                                                  CURRENT APPLICATION NUMBER: US/08/653,648A
CURRENT FILING DATE: 1996-05-24
PRIOR APPLICATION NUMBER: GB 9510759.5
PRIOR FILING DATE: 1995-05-26
PRIOR APPLICATION NUMBER: GB 9605656.9
PRIOR FILING DATE: 1996-03-18
PRIOR APPLICATION NUMBER: GB 9513882.2
PRIOR APPLICATION NUMBER: GB 9517316.7
PRIOR PRILING DATE: 1995-07-07
PRIOR FILING DATE: 1995-08-24
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APPLICANT: Greenland, A
APPLICANT: Martinez, Al
TITLE OF INVENTION: A
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LENGTH: 2464
TYPE: DNA
ORGANISM: Heliothis virescens
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Best Local Similarity
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APPLICANT: Jepson, Ian
APPLICANT: Martinez, Alberto
APPLICANT: Greenland, Andrew James
TITLE OF INVENTION: A GENE SWITCH
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CURRENT APPLICATION NUMBER: US/09/564,418
CURRENT FILING DATE: 2000-05-03
NUMBER OF SEQ ID NOS: 65
SOFTWARE: PatentIn version 3.0
SEQ ID NO 4
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PRIOR APPLICATION NUMBER: US 09/564,418
PRIOR FILING DATE: 2000-05-03
NUMBER OF SEQ ID NOS: 63
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VENTION: A Gene Switch
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Pred. No. 0.83;
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APPLICANT: Randy M. Berka
APPLICANT: Michael W. Rey
APPLICANT: Michael W. Rey
APPLICANT: Jeffrey R. Shuster
APPLICANT: Sakari Kauppinen
APPLICANT: Sakari Kauppinen
APPLICANT: Peter Bjarke Olsen
TITLE OF INVENTION: Methods For Monitoring Multiple Gene
TITLE OF INVENTION: Expression
FILE REFERENCE: 5849.200-US
CURRENT APPLICATION NUMBER: US/09/533,559
CURRENT FILING DATE: 1090-03-22
EARLIER APPLICATION NUMBER: 09/273,623
EARLIER FILING DATE: 1999-03-22
NUMBER OF SEQ ID NOS: 7860
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, NAME/KEY: misc
; LOCATION: (2522)..(2522)
; OTHER INFORMATION: n=a, c, g,
US-09-564-418-4
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                                                                                                                                                                                                                              Patent No. 6902887
GENERAL INFORMATION:
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CURRENT APPLICATION NUMBER: US/09/564,418
CURRENT FILING DATE: 2000-05-03
PRIOR APPLICATION NUMBER: US 09/564,418
PRIOR FILING DATE: 2000-05-03
NUMBER OF SEQ ID NOS: 63
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APPLICANT: Greenland, Andrew Jam
TITLE OF INVENTION: A GENE SWITCH
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100.0%; F1
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; Pred. No.
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Pred. No.
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0.82;
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; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: MYCOI
US-08-311-731A-121
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; LOCATION: (1)...(461)
; OTHER INFORMATION: n = A,T,C or
US-09-533-559-2252
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SEQ ID NO 2252
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Best Local Similarity
                                                  Query Match
Best Local Similarity
Matches 18; Conserv
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APPLICANT: SMITH, DOUGLAS
ADDITIONT: MAD JEN-I
                                                                                                                                                                                                                                                                                            TELEFAX: 617/720-2441
INFORMATION FOR SEQ ID NO: 121:
                                                                                                                                                                                                                                                                                                                         CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
ANAME: GATES, EDWARD R.
REGISTRATION NUMBER: 31,616
REGISTRATION NUMBER: C004
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/720-3500
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES
TITLE OF INVENTION: RELATING TO MYCOBACTERIUM TUBERCULOSIS AND LAPRAE
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                MOLECULE TYPE: DI
HYPOTHETICAL: NO
ANTI-SENSE: NO
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                                                                                                                                                                                                          TYPE: nucleic acid
STRANDEDNESS: doubl
TOPOLOGY: circular
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                                                   Conservative
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                                                                 34.0%; Score 18; 100.0%; Pred. No.
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Pred. No.
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2.9;
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; ORIGINAL SOURCE:
; ORGANISM: Mycobacterium leprae
US-08-311-731A-134
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US-08-311-731A-134/c
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                                                                                                                                                                                                                  US-09-016-434-893
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                                                                                                                                                            Sequence 893, Application US/09016434 Patent No. 6500938 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 134, Application
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Best Local Similarity
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Ve
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/311,731A
FILING DATE:
CLASSIFICATION: 530
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APPLICANT: SMITH,
APPLICANT: MAO, J
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INFORMATION FOR SEQ ID NO: 134:
                                                APPLICANT: Janice Au-Young
APPLICANT: Jeffrey J. Seilhamer
TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF SIGNALING
TITLE OF INVENTION: PATHWAY GENE EXPRESSION
NUMBER OF SEQUENCES: 1490
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
NAME: GATES, EDWARD R.
REGISTRATION NUMBER: 31,616
REFERENCE/DOCKET NUMBER: CO
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HYPOTHETICAL:
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LENGTH: 36241 base pai
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   STREET:
CITY: F
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TYPE: nucleic acid
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                                     ADDRESSEE:
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SEE: INCYTE PHARMACEUTICALS, INC
': 3174 PORTER DRIVE
PALO ALTO
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, 100.0%; Pred. No.
-- ive 0; Mismatches
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; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: SYNORA';
; CLONE: 696484
US-09-016-434-893
FILE REFERENCE: PZ001P1
CURRENT APPLICATION NUMBER: US/09/148,545
CURRENT FILING DATE: 1998-09-04
EARLIER APPLICATION NUMBER: PCT/US98/04482
EARLIER APPLICATION NUMBER: PCT/US98/04482
EARLIER APPLICATION NUMBER: PCO/040,162
EARLIER APPLICATION NUMBER: 60/040,162
EARLIER APPLICATION NUMBER: 60/040,333
EARLIER APPLICATION NUMBER: 60/040,333
EARLIER FILING DATE: 1997-03-07
EARLIER APPLICATION NUMBER: 60/040,161
EARLIER FILING DATE: 1997-03-07
EARLIER FILING DATE: 1997-03-07
EARLIER APPLICATION NUMBER: 60/040,161
EARLIER APPLICATION NUMBER: 60/040,334
EARLIER APPLICATION NUMBER: 60/040,334
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EARLIER APPLICATION NUMBER: 60/040,163
EARLIER APPLICATION NUMBER: 60/040,163
EARLIER APPLICATION NUMBER: 60/040,163
EARLIER APPLICATION NUMBER: 60/040,655
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US-09-148-545-24
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GENERAL INFORMATION:
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TITLE OF INVENTION: 70 Human Secreted Proteins
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INFORMATION FOR SEQ ID NO:
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REGISTRATION NUMBER: 37,071
REFERENCE/DOCKET NUMBER: PA-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 855-0555
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE: HEREWIT CLASSIFICATION: PRIOR APPLICATION DATA:
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/016,434
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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TYPE: nucleic acid
STRANDEDNESS: single
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CLASSIFICATION:
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APPLICATION NUMBER:
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APPLICATION NUMBER: 61
FILING DATE: 1997-05-
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APPLICATION NUMBER:
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APPLICATION NUMBER: 60/043,672 FILING DATE: 1997-04-11 APPLICATION NUMBER: 60/043,315 APPLICATION NUMBER: 60/047,592 FILING DATE: 1997-05-23 APPLICATION NUMBER: 60/047,581 APPLICATION NUMBER: 60/047,633 FILING DATE: 1997-05-23 APPLICATION NUMBER: 60/043,669 FILING DATE: 1997-04-11 FILING DATE: 1997-04-11 APPLICATION NUMBER: 60/043,674 APPLICATION NUMBER: 60/043,580 FILING DATE: 1997-04-11 APPLICATION NUMBER: 60/047,613 APPLICATION NUMBER: 60/047,598 FILING DATE: 1997-05-23 APPLICATION NUMBER: 60/047,584 FILING DATE: 1997-05-23 APPLICATION NUMBER: 60/047,583 APPLICATION NUMBER: 60/047,600 APPLICATION NUMBER: 60/ FILING DATE: 1997-08-22 APPLICATION NUMBER: 60/043,313 FILING DATE: 1997-04-11 APPLICATION NUMBER: 60/043,312 APPLICATION NUMBER: 60/043,569 APPLICATION NUMBER: 60/043,568 FILING DATE: 1997-05-23 FILING DATE: 1997-05-23 FILING DATE: 1997-05-23 FILING DATE: 1997-05-23 1997-06-06 1997-04-11 1997-04-11 1997-05-23 1997-05-23 1997-05-23 1997-05-23 1997-05-23 60/047,632 60/047,503 60/043,671 60/043,311 60/047,612 60/047,618 60/047,617 60/056,886 60/048,974 60/043,314 60/047,601 60/047,596 60/047,582 60/047,492 60/047,587 60/047,500 60/047,502 60/047,597

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APPLICATION NUMBER: 60/057,761
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APPLICATION NUMBER: 60/056,631
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APPLICATION NUMBER: 60/056,864
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APPLICATION NUMBER: 60/056,911
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APPLICATION NUMBER: 60/056,879
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APPLICATION NUMBER: 60/056,903
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APPLICATION NUMBER: 60/043,576
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Sequence 89, Application US/09148545
Patent No. 6599075
GENERAL INFORMATION:
APPLICANT: Rosen et al.
TITLE OF INVENTION: 70 Human Secreted Proteins
FILE REFERENCE: PZ001P1
CURRENT APPLICATION NUMBER: US/09/148,545
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NUMBER OF SEQ ID NOS: 280
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 24
LENGTH: 796
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EARLIER FILING DATE: 1997-08-22
NUMBER OF SEQ ID NOS: 280
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 24
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TYPE: DNA
ORGANISM: Homo
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CURRENT APPLICATION NUMBER: US/09/621,011
CURRENT FILING DATE: 2000-07-20
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TITLE OF INVENTION: 70 Human Secreted Proteins
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FILING DATE: 1997-08-22
APPLICATION NUMBER: 60/048,964
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FILING DATE: 1997-08-22
APPLICATION NUMBER: 60/056,887
FILING DATE: 1997-08-22
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APPLICATION NUMBER: 60/056,875
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APPLICATION NUMBER: 60/047,589 APPLICATION NUMBER: 60/047,594 FILING DATE: 1997-05-23

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RESULT 21
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Prior application data removed - consult PALM or file wrapper
NUMBER OF SEQ ID NOS: 280
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 89
LENGTH: 855
TYPE: DNA
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Matches
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                                                                                                FILE REFERENCE: PZ001P1
CURRENT APPLICATION NUMBER: US/09/621,011
CURRENT FILING DATE: 2000-07-20
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                                                                                                                                               APPLICANT: Rosen et al.
TITLE OF INVENTION: 70 Human Secreted Proteins
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NUMBER OF SEQ ID NOS: 280
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: 60/056,884
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: 60/057,650 FILING DATE: 1997-09-05
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: 60/048,964
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: 60/043,670 FILING DATE: 1997-04-11
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APPLICATION NUMBER: 60/047,501
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17; Conserv
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APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/907,794A
CURRENT FILING DATE: 2001-07-17
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-07-08
PRIOR FILING DATE: 1999-09-08
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US-09-907-794A-126
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LOCATION: (103)
OTHER INFORMATION: F
NAME/KEY: SITE
NAME/KEY: (767)
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OTHER INFORMATION: r
NAME/KEY: SITE
LOCATION: (831)
                                            PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
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NAME/KEY: SITE
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FILING DATE: 1999-09-15
APPLICATION NUMBER: PCT
FILING DATE: 1999-09-15
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Stewart, Timothy A.
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Mather, Jennie P.
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Botstein, David
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             NUMBER: PCT/US99/21547
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Pred. No.
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NUMBER OF SEQ ID NOS: 423
SEQ ID NO 126
LENGTH: 1210
TYPE: DNA
CRCANISM: Homo sapiens
US-09-907-794A-126
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US-09-905-125A-126
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PRIOR FILING DATE: 1999-12-02
PRIOR PPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR PILING DATE: 1999-12-02
PRIOR PPLICATION NUMBER: PCT/US99/30095
PRIOR PPLICATION NUMBER: PCT/US99/30911
PRIOR PPLICATION NUMBER: PCT/US99/30911
PRIOR PILING DATE: 1999-12-20
PRIOR PILING DATE: 1909-12-20
PRIOR PILING DATE: 1909-12-20
PRIOR PILING DATE: 1909-12-20
PRIOR PILING DATE: 2000-01-05
PRIOR FILING DATE: 2000-01-05
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                                                                                               TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic FILE REFERENCE: 10466-14
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CURRENT APPLICATION NUMBER: US/09/905,125A CURRENT FILING DATE: 2001-07-12 PRIOR APPLICATION NUMBER: ECT/US00/04414 PRIOR FILING DATE: 2000-02-22 PRIOR APPLICATION NUMBER: US 60/143,048 PRIOR FILING DATE: 1999-07-07
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PRIOR FILING DATE: 1999-10-05
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PRIOR FILING DATE: 1999-11-30
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PRIOR FILING DATE: 1999-11-29
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Similarity 100.0%; F

    Application US/09905125A
6664376

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Hillan, Kenneth, J.
Kljavin, Ivar J.
Mather, Jennie P.
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Gao, Wei-Qiang
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Stewart, Timothy A.
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Grimaldi, Christopher J.
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Ef, Ellen
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                                                                                                                                                                                                                                                                                                                                                                                             Paul J.
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Pred. No.
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25;
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RESULT 24
US-09-902-775A-126
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SEQ ID NO 126
LENGTH: 1210
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Best Local (
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PRIOR FILING DATE: 2000-01-05
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TYPE: DNA
ORGANISM: Homo sapiens
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APPLICATION NUMBER: PCT/US99/30095
FILING DATE: 1999-12-16
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FILING DATE: 1999-10-05
APPLICATION NUMBER: PCT/US99/28214
FILING DATE: 1999-11-29
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APPLICATION NUMBER: US 60/146,222
FILING DATE: 1999-07-28
APPLICATION NUMBER: PCT/US99/20594
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                                                             Godowski, Paul J.
Grimaldi, Christopher J.
Gurney, Austin L.
Hillan, Kenneth, J.
Kljavin, Ivar J.
Mather, Jennie P.
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Ashkenazi, Avi
Botstein, David
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Paoni, Nicholas F.
Roy, Margaret Ann
Stewart, Timothy A
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Filvaroff, Ellen
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Eaton, Dan L.
                                                     Pan, James
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100.0%; Pred. No.
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RESULT 25
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; SEQ ID NO 126
; LENGTH: 1210
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-902-775A-126
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Matches
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APPLICANT:
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PRIOR FILING DATE: 2000-01-05
NUMBER OF OT THE PRIOR FILING DATE: 2000-01-05
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TITLE OF INVENTION: Acids Encoding the Sar
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/902,775A
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APPLICANT:
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PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR APPLICATION NUMBER: PCT/US99/21090
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PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
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PRIOR APPLICATION NUMBER: PCT/US00/04414
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APPLICATION NUMBER: PCT/US99/30911
PTI-THG DATE: 1999-12-20
PTI-THG DATE: 1999-12-20
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APPLICATION NUMBER: PCT/US99/28214
FILING DATE: 1999-11-29
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FILING DATE: 1999-11-30
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INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
INVENTION: Acids Encoding the Same
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  Fong, Sucressiang Gao, Wei-Qiang
                                                    Desnoyers, Luc
Eaton, Dan L.
Ferrara, Napoleone
Filvaroff, Ellen
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Gao, We
Gerber,
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Botstein, David
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ms, P. Mickey
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CURRENT FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR PRILING DATE: 1999-07-26
PRIOR PRILING DATE: 1999-07-28
PRIOR FILING DATE: 1999-07-28
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-013
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LENGTH: 1210
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PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
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APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
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PRIOR APPLICATION NUMBER: PCT/US99/23089
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                                                                                                                                                                                        TYPE: DNA
ORGANISM: Homo
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FILING DATE: 1999-12-02
APPLICATION NUMBER: PCT/US99/28565
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APPLICATION NUMBER: PCT/US99/28313
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APPLICATION NUMBER: PCT/US99/28214
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282
                          31 AGCGATGAGGAGGAGTG 47
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17; Conserv
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AGCGATGAGGAGGAGTG
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Mather, Jennie P.
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Hillan, Kenneth, J.
Kljavin, Ivar J.
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                                                                                  Conservative
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                                                                                                      32.1%;
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RESULT 26 US-09-903-603A-126 ; Sequence 126, Application US/09903603A

Patent No. 6767995

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; SEQ ID NO 126;
; LENGTH: 1210
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-903-603A-126
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                                                                                                                                        PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
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PRIOR FILING DATE: 2000-01-05
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PRIOR APPLICATION NUMBER: PCT/US99/21547
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PRIOR FILING DATE: 1999-11-29
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PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
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                                                                                                                                                                                                                                                                              FILING DATE: 1999-12-02
APPLICATION NUMBER: PCT/US99/30095
FILING DATE: 1999-12-16
                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: PCT/US99/28313
FILING DATE: 1999-11-30
                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: PCT/US99/28565
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Williams, P. Mickey
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Grimaldi, Christopher J.
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Botstein, David
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Hillan, Kenneth, J.
Kljavin, Ivar J.
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Mather, Jennie P.
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f, Ellen
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; Patent No. 6806352
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CURRENT FILING DATE: 2001-07-13
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR PILING DATE: 1999-07-07
PRIOR PILING DATE: 1999-07-26
PRIOR FILING DATE: 1999-07-26
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and
TITLE OF INVENTION: Acids Encoding the Same
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                                                                                    FILING DATE: 1999-11-29
APPLICATION NUMBER: PCT/US99/28313
FILING DATE: 1999-11-30
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APPLICATION NUMBER: PCT/US99/28214
                                                                                                                                                                                            APPLICATION NUMBER: PCT/US99/21547 FILING DATE: 1999-09-15
                                 FILING DATE: 1999-12-02
APPLICATION NUMBER: PCT/US99/28565
                                                                    APPLICATION NUMBER: PCT/US99/28564
                                                                                                                                                                           APPLICATION NUMBER: PCT/US99/23089
                                                                                                                                                                                                                                               APPLICATION NUMBER: PCT/US99/21090
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                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: PCT/US99/20944
                                                                                                                                                                                                                                                                                                     FILING DATE: 1999-09-08
APPLICATION NUMBER: PCT/US99/30095
                      FILING DATE: 1999-12-02
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Tumas, Daniel
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Mather, Jennie P.
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Hillan, Kenneth, J
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Grimaldi, Christopher J.
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Filvaroff, Ellen
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Eaton, Dan L.
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art, Timothy A.
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LENGTH: 1210
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APPLICANT: Williams, P. Mickey
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/909,064
CURRENT FILING DATE: 2001-07-18
PRIOR APPLICATION NUMBER: PRIOR APPLICATION NUMBER: PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR PILING DATE: 2000-02-22
PRIOR PILING DATE: 1099-07-07
PRIOR PILING DATE: 1099-07-07
PRIOR PILING DATE: 1099-07-07
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PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
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                                                                                                       PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
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ORGANISM: Homo sapiens
FILING DATE: 1999-09-15
APPLICATION NUMBER: PCT/US99/21547
FILING DATE: 1999-09-15
                                                FILING DATE: 1999-09-13
APPLICATION NUMBER: PCT/US99/21090
                                                                                     APPLICATION NUMBER: PCT/US99/20944
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Hillan, Kenneth, J.
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Gerritsen, Mary E.
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art, Timothy A.
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f, Ellen
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APPLICANT: Genentech,
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SEQ ID NO 126
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        APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, Williams, I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/905,381A
CURRENT FILING DATE: 2001-07-13
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR PILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR PILING DATE: 1999-07-07
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APPLICATION NUMBER: PCT/US99/28564
FILING DATE: 1999-12-02
FILING DATE: 1999-07 APPLICATION NUMBER:
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APPLICATION NUMBER: PCT/US00/00219
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APPLICATION NUMBER: PCT/US99/30911
FILING DATE: 1999-12-20
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APPLICATION NUMBER:
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17; Conserv
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Gao, Wei-Qiang
Gerber, Hanspeter
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Stewart, Timothy A.
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Mather, Jennie P.
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Hillan, Kenneth, J.
Kljavin, Ivar J.
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Grimaldi, Christopher J.
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Filvaroff, Ellen
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Botstein, David
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DATE:

1999-07-26

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Best Local Similarity 100.
Matches 17; Conservative
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SEQ ID NO 126
LENGTH: 1210
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PRIOR FILING DATE: 2000-01-05
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OR FILING DATE: 1999-09-15
OR APPLICATION NUMBER: PCT/US99/23089
OR FILING DATE: 1999-10-05
OR APPLICATION NUMBER: PCT/US99/28214
OR FILING DATE: 1999-11-29
OR APPLICATION NUMBER: PCT/US99/28313
OR FILING DATE: 1999-11-30
OR FILING DATE: 1999-12-02
OR APPLICATION NUMBER: PCT/US99/28564
OR FILING DATE: 1999-12-02
OR APPLICATION NUMBER: PCT/US99/28565
OR APPLICATION NUMBER: PCT/US99/28565
OR APPLICATION NUMBER: PCT/US99/28565
OR APPLICATION NUMBER: PCT/US99/30095
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FILING DATE: 1999-12-20
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o. 6828146
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Grimaldi, Christopher J.
Gurney, Austin L.
Hillan, Kenneth, J.
Kljavin, Ivar J.
Mather, Jennie P.
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Roy,
Stewart, 1....
Stewart, 1....
Daniel
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Gerritsen, Mary E.
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Filvaroff, Ellen
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Botstein, David
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                                                                  Paoni, Nicholas F.
                             Margaret Ann art, Timothy A.
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100.0%; Pred. No.
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; NUMBER OF SEQ ID NOS: 423
SEQ ID NO 126
; LENGTH: 1210
; TYPE: DNA
; ORGANISM: Homo sapiens
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US-09-906-646-126
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APPLICANT: Genentech,
APPLICANT: Ashkenazi
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APPLICANT:
APPLICANT:
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PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
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CURRENT FILING DATE: 2001-07-16
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APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
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PRIOR APPLICATION NUMBER: PCT/US99/28313
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PRIOR FILING DATE: 1999-11-29
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PRIOR APPLICATION NUMBER: PCT/US99/23089
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PRIOR APPLICATION NUMBER: PCT/US99/21090
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PRIOR APPLICATION NUMBER: PCT/US99/20944
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PRIOR APPLICATION NUMBER: PCT/US99/20594
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PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
                     PPLICANT
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APPLICATION NUMBER: PCT/US99/30999
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17; Conserv
Gerritsen, Mary
                   Fong, Sherman
Gao, Wei-Qiang
Gerber, Hanspeter
                                                                            Filvaroff, Ellen
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Desnoyers, Luc
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100.0%; Pred. No.
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APPLICANT:

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RESULT 32
US-09-904-462-126
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; ORGANISM: Homo sapiens
US-09-906-646-126
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Best Local S
Matches 17
Sequence 126, Application US/09904462 Patent No. 6878807
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LENGTH: 1210
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PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
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CURRENT FILING DATE: 2002-01-22
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
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APPLICATION NUMBER: PCT/US99/20944
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APPLICATION NUMBER: PCT/US99/20594
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APPLICATION NUMBER: PCT/US99/28313
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                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: PCT/US99/30999 FILING DATE: 1999-12-20
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                                                                                                            282 AGCGATGAGGAGGAGTG 298
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                                                                                                                                                                                   ch 32.1%; Score 17; Similarity 100.0%; Pred. No. 17; Conservative 0; Mismatc
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Hillan, Kenneth, J.
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; ORGANISM: Homo Sapien
US-09-904-462-126
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CURRENT APPLICATION NUMBER: US/09/904,462
CURRENT APPLICATION NUMBER: 09/665,350
PRIOR APPLICATION NUMBER: 09/665,350
PRIOR PILING DATE: 2000-09-18
PRIOR PELICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR APPLICATION NUMBER: PCT/US99/20594
                                                         SEQ ID NO 126
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APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
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PRIOR FILING DATE: 1999-09-13
PRIOR FILING DATE: 1999-09-13
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PRIOR APPLICATION NUMBER: PCT/US00/00219
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PRIOR APPLICATION NUMBER: PCT/US99/21090
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                                           TYPE: DNA
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FILING DATE: 1999-10-05
APPLICATION NUMBER: PCT/US99/28214
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                                                                                                                                                                                                                APPLICATION NUMBER: PCT/US99/30911 FILING DATE: 1999-12-20
                                                                                                                                                                                                                                                   APPLICATION NUMBER: PCT/US99/30095
FILING DATE: 1999-12-16
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FILING DATE: 1999-12-02
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FILING DATE: 1999-11-30
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Hillan, Kenneth, J.
Kljavin, Ivar J.
Mather, Jennie P.
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Ashkenazi, Avi
Botstein, David
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Roy, Margaret Ann
Timothy A.
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Grimaldi, Christopher
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Gerritsen, Mary E
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Filvaroff, Ellen
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                                                                                                         NOS: 423
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CURRENT FILING DATE: 2001-07-10
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR APPLICATION NUMBER: PCT/US99/20594
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APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
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PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
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                                  FILING DATE: 1999-11-30
APPLICATION NUMBER: PCT/US99/28564
FILING DATE: 1999-12-02
APPLICATION NUMBER: PCT/US99/28565
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FILING DATE: 1999-10-05
APPLICATION NUMBER: PCT/US99/28214
                                                                                                        FILING DATE: 1999-11-29
APPLICATION NUMBER: PCT/US99/28313
FILING DATE: 1999-12-02
APPLICATION NUMBER: PCT/US99/30095
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Grimaldi, Christopher J.
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Hillan, Kenneth, J.
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f, Ellen
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US-09-902-736A-126
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                                                                                                PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR PELICATION NUMBER: US 60/143,048
PRIOR PELICATION NUMBER: US 60/145,698
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-09-08
PRIOR FILING DATE: 1999-09-08
PRIOR PILING DATE: 1999-09-08
PRIOR FILING DATE: 1999-09-08
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SEQ ID NO 126
LENGTH: 1210
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PRIOR FILING DATE: 2000-01-05
                                                                                                                                                                                                                                                                           TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: GNE.1618F2C61
CURRENT APPLICATION NUMBER: US/09/906,722A
CURRENT FILING DATE: 2001-07-16
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APPLICATION NUMBER: PCT/US99/30999
FILING DATE: 1999-12-20
                           APPLICATION NUMBER: PCT/US99/21090 FILING DATE: 1999-09-15
                                                                APPLICATION NUMBER: PCT/US99/20944
FILING DATE: 1999-09-13
            APPLICATION NUMBER: PCT/US99/21547
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Stewart, Timothy A.
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Mather, Jennie P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gurney, Austin L.
Hillan, Kenneth, J.
Kljavin, Ivar J.
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Grimaldi, Christopher
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Filvaroff, Ellen
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Eaton, Dan L.
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Botstein, David
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Wei-Qiang
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                                                                                                                                                                                                                                                                                                                                                                                                                                                               Nicholas F.
1999-09-15
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100.0%; Pred. No.
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APPLICATION NUMBER: PCT/US99/23089

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RESULT 35
US-08-311-731A-137/c
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; ORGANISM: Homo sapiens
US-09-906-722A-126
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PRIOR FILING DATE: 1999-12-16
PRIOR PELICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 32.1%; Score 17;
Best Local Similarity 100.0%; Pred. No.
Matches 17; Conservative 0; Mismatc
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SEQ ID NO 126
                                     TELEFAX: 617/720-2441
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 40123 base pai
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
                                                                                                                          ATTORNEY/AGENT INFORMATION:
NAME: GATES, EDWARD R.
REGISTRATION NUMBER: 31,616
REFERENCE/DOCKET NUMBER: C004
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/720-3500
                                                                                                                                                                                                                                                                                                COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/311,731A
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MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: MAO, JEN-I
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES
TITLE OF INVENTION: RELATING TO MYCOBACTERIUM TUBERCULOSIS AND LAPRAE FOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS: ADDRESSEB: WOLF, GRE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS NUMBER OF SEQUENCES: 411
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STREET:
                                                                                                                                                                                                                                                          FILING DATE:
CLASSIFICATION: 530
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STATE:
TYPE: nucleic acid STRANDEDNESS: doubl
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FILING DATE: 1999-12-02
APPLICATION NUMBER: PCT/US99/28565
FILING DATE: 1999-12-02
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APPLICATION NUMBER: PCT/US99/28214
FILING DATE: 1999-11-29
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                                          40123 base pairs
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600 ATLANTIC AVENUE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         USA
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; ORIGINAL SOURCE:
; ORGANISM: Mycobacterium leprae
US-08-311-731A-137
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CURRENT FILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: US 60/122,487
PRIOR FILING DATE: 1999-02-26
NUMBER OF SEQ ID NOS: 36681
SOFTWARE: Patent.pm
SEQ ID NO 1746
LENGTH: 388
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Best Local Similarity
Matches 17; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 1746, Application US/09513999C Patent No. 6783961
                                                       Matches
                                                                                Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILE REFERENCE: 59.US2.REG
                                                                                                                                                                                                                                                                                          NAME/KEY: misc_feature
LOCATION: 344
OTHER INFORMATION: n=a,
                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY: misc_feature
                                                                                                                                                                                                                                                                                                                                                                                                          NAME/KEY: CDS
LOCATION: 78..386
                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                         OTHER INFORMATION: Xaa=Asp or
                                                                                                                                                     NAME/KEY: UNSURE
                                                                                                                                                                                 OTHER INFORMATION:
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LOCATION: 359
                                                                                                                                                                                                                                                                                                                                                   LOCATION: 343
OTHER INFORMATION: n=a,
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HYPOTHETICAL: NO
ANTI-SENSE: NO
                                                                                                                                                                                              OCATION: 89
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221
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                                                    l Similarity
16; Conserv
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100.0%; Pred. No.
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19;
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                                                                                  Length 388;
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; ORGANISM: Homo sapiens
US-09-311-021-77
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US-09-949-016-47551
                                                                                            Sequence 5746, Applicat Patent No. 6812339
GENERAL INFORMATION:
APPLICANT: VENTER, J.
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 47551
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APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISBASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CL001307
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Patent No. 6706869
GENERAL INFORMATION:
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APPLICANT: Clark, Hilary
APPLICANT: Fechtel, Kim
APPLICANT: Agostino, Michael J.
APPLICANT: Genetics Institute, Inc.
APPLICANT: Genetics Inc.
APPLICANT: WONG GENETICS AND POLYNUCLEOTIDES
APPLICANT AND POLYNUCLEOTI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
NUMBER: 60/231,498
                        APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/09/311,021
CURRENT FILING DATE: 1999-05-13
NUMBER OF SEQ ID NOS: 268
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CURRENT FILING DATE: 2000-04-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: PatentIn Ver. 2.0
FILE REFERENCE: CL001307
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
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Pred. No.
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CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR PILING DATE: 2000-10-03
PRIOR PILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,768
PRIOR FILING DATE: 2000-09-08
PRIOR FILING DATE: 2000-09-08
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FRASUSEQ for Windows Version 4.0
SEQ ID NO 5746
LENGTH: 3366
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
IPMIOR FILING DATE: 2000-09-08
SEQ ID NOS: 207012
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 17488
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GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CL001307
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES
TITLE OF INVENTION: WITH HUMAN DISBASE, METHODS
FILE REFERENCE: CL001307
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                                                                                                     Sequence 13139, Application US/09949016 Patent No. 6812339
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OTHER INFORMATION: n = A,T,C
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ORGANISM: Human
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16; Conserv
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Pred. No.
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CURRENT APPLICATION NUMBER: US/09/949,016

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RESULT 43
US-09-949-016-14207
US-09-949-016-14207
; Sequence 14207, Applic
; Patent No. 6812339
; PENERAL INFORMATION:
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APPLICANT: VENTER, J. Craig et al.
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASS
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF
PILE REFERENCE: CL001307
CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR APPLICATION NUMBER: 60/237,768
                                                                                                                                                                                                                                                                                                                ; FEATURE:
, NAME/KEY: misc_feature
; LOCATION: (1)...(670689)
; OTHER INFORMATION: n = A,T,C or G
US-09-949-016-12505
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PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-09-08
PRIOR FILING DATE: 2000-09-08
PRIOR FILING DATE: 2000-09-08
                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 12505
LENGTH: 670689
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Patent No. 6812339
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ORGANISM: Human
FEATURE:
APPLICANT: VENTER, C
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PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Human
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                                                                       Application US/09949016
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J. Craig et al.
POLYMORPHISMS IN KNOWN GENES ASSOCIATED
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OF DETECTION AND USES THEREOF
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; NAME/KEY: misc_feature
; LOCATION: (1)...(670690)
; OTHER INFORMATION: n = A,T,C
US-09-949-016-14207
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Best Local Similarity
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CURRENT APPLICATION NUMBER: US/09/949,016

CURRENT FILING DATE: 2000-04-14

PRIOR APPLICATION NUMBER: 60/241,755

PRIOR FILING DATE: 2000-10-20

PRIOR APPLICATION NUMBER: 60/237,768

PRIOR PILING DATE: 2000-10-03

PRIOR PILING DATE: 2000-10-03

PRIOR PILING DATE: 2000-09-08

PRIOR FILING DATE: 2000-09-08

PRIOR FILING DATE: 2000-09-08
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                                                                                                                                                                                                  CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/
PILING DATE: 25-JUL-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/
PILING DATE: 26-JUL-1996
ATTORNEY/AGENT INFORMATION:
NAME: MEYERS, Kenneth J.
                                                                               TELEFAX: (202) 408-44
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Human
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                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: JACKSON, MARY
APPLICANT: GIQUEL, BRIGITTE
TITLE OF INVENTION: DESATURASE ANTIGEN OF MYCOBACTERIUM
TITLE OF INVENTION: TUBERCULOSIS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ENGTH: 670690
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CORRESPONDENCE ADDRESS:
                                                           SEQUENCE CHARACTERISTICS
                                                                                                                       REFERENCE/DOCKET NUMBER: 03
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 408-4000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STREET: 1300 I St
CITY: Washington
STATE: D.C.
                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
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STREET: 1300 I Street, N.W.
                                                                                                                                                                               REGISTRATION NUMBER: 25,146
STRANDEDNESS:
                                      ENGTH:
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                                      33 base pairs
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                                                                                                    (202) 408-4400
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100.0%; Pre
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                                                                                                                                                                  03495.0156-00
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RESULT 45
US-09-422-662-2/c
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RESULT 46
US-09-730-763-2/c
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                                                                                                                                        Matches
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SEQUENCE CHARACTERISTICS:
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                                                                                                                                                         Local
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                                                                                                                                                                                                                           TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: not relevant
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "NUCLEIC ACID"
SEQUENCE DESCRIPTION: SEQ ID NO: 2:
                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: 08/917,299
FILING DATE: «Unknown»
ATTORNEY/AGENT INFORMATION:
NAME: MEYERS, Kenneth J.
REGISTRATION NUMBER: 25,146
REFERENCE/DOCKET NUMBER: 03495.0156-00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/422,662

FILING DATE: 22-Oct-1999

CLASSIFICATION: -CUNKnown>

PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                      TELECOMMUNICATION INFORMATION: TELEPHONE: (202) 408-4000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GIQUEL, Brigitte
TITLE OF INVENTION: DESATURASE ANTIGEN OF MYCOBACTERIUM
TUBERCULOSIS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES: 37
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                                                                                                      15 CGACGATGCAGAGCG 29
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15; Conservative
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                                                                     CGACGATGCAGAGCG 19
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STREET: 1300 I Street, N.W.
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                                                                                                                                        Conservative
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100.0%; Pr
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100.0%; Pr
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Pred. No.
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. 3.1e+02;
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                                                                            Sequence 2, Application US/09429370

Patent No. 6573064

GENERAL INFORMATION:

APPLICANT: Jackson, Mary
APPLICANT: Gicquel, Brigitte
TITLE OF INVENTION: METHOD OF SCREENING ANTI-MYCOBACTERIAL MOLECULES
FILE REFERENCE: 03495.0182-00000
CURRENT APPLICATION UNDERS: US/09/429,370
CURRENT FILING DATE: 1999-10-28
NUMBER OF SEQ ID MOS: 45
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 2
LENGTH: 33
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FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: MEYERS, Kenneth J.
REGISTRATION NUMBER: 25,146
REGISTRATION NUMBER: 03499
REFERENCE/DOCKET NUMBER: 03499
TELECOMMUNICATION:
TOTERPHONE: (202) 408-4000
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TITLE OF INVENTION: DES
TITLE OF INVENTION: TUB
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
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ORGANISM: Artificial Sequence FEATURE: OTHER INFORMATION: Description of Artificial Sequence: primer
                                                                  TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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LENGTH: 33 base pairs
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:
APPLICATION NUMBER:
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ZIP: 20005
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STREET: 1300 I Street, N.W.
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DESCRIPTION: /desc = "NUCLEIC ACID"
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DESATURASE ANTIGEN OF MYCOBACTERIUM
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100.0%; Pred. No. 3.:
tive 0; Mismatches
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; SEQ ID NO 4
; LENGTH: 33
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE;
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Oligonucleotide
US-09-230-485-4
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US-08-162-836-1
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US-09-230-485-4/c
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Patent No. 6582925
GENERAL INFORMATION:
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: JACKSON, MARY
APPLICANT: GICQUEL, BRIGITTE
APPLICANT: GICQUEL, BRIGITTE
TITLE OF INVENTION: DESATURASE ANTIGEN OF MYCOBACTERIUM TUBERCULOSIS
FILE REFERENCE: 05394.0009-00000
CURRENT APPLICATION NUMBER: US/09/230,485
CURRENT FILING DATE: 1999-04-20
PRIOR APPLICATION NUMBER: PCT/IB97/0923
PRIOR FILING DATE: 1997-07-25
PRIOR PILING DATE: 1997-07-25
PRIOR APPLICATION NUMBER: 60/022,713
PRIOR FILING DATE: 1996-07-26
RUMBER OF SEQ ID NOS: 18
                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: Daniel
                                    OPERATING SYSTEM: IBM P.C. DOS (Version 5.0) SOFTWARE: WordPerfect (Version 5.1) CURRENT APPLICATION DATA:
                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
COMPUTER: IBM compatible
                                                                                                                                                                                                                                                                                                    APPLICANT: Diane L. McAllister
APPLICANT: Sherrol H. McDonough
APPLICANT: Nani Bhushan Dattagupta
TITLE OF INVENTION: NUCLEIC ACID SEQUENCE AMPLIFICATION
TITLE OF INVENTION: METHOD, COMPOSITION AND KIT
                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 611 West Sixth Street
                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES:
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APPLICATION NUMBER: US/08/162,836 FILING DATE:
                                                                                                                                                    ZIP: 90017
                                                                                                                                                                        COUNTRY:
                                                                                                                                                                                              STATE:
                                                                                                                                                                                                                 CITY:
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Similarity 100.0%; Pred. No.
15; Conservative 0; Mismatch
                                                                                                                                                                                          Los Angeles
: California
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100.0%; Pr
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US-08-779-341-1
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Best Local S
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MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage

COMPUTER: COMPAQ Prolinea 4/33

OPERATING SYSTEM: Microsoft MS-DOS (Version 6.

SOFTWARE: WordPerfect (Version 5.2)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/779,341

FILING DATE: 06-JAN-1997

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

ADDITICATION DATA:

INFORMATION DA
                                                                                                                                                                                                                                     APPLICATION NUMBER: US/08/433,991
FILING DATE: 04-MAY-1995
APPLICATION NUMBER: US/08/212,131
FILING DATE: 10-MAR-1994
APPLICATION NUMBER: 07/879,685
FILING DATE: May 6, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Fisher, Carlos A.
REGISTRATION NUMBER: 36,310
REFERENCE/DOCKET NUMBER: GP94/002
ILEMETAX: (619) 452-5848 INFORMATION FOR SEQ ID NO: 1 SEQUENCE CHARACTERISTICS: LENGTH: 53
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APPLICANT: Daniel Louis Kacian
APPLICANT: Diane Lisa McAllister
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INFORMATION FOR SEQ ID NO:
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LENGTH: 53
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELECOMMUNICATION INFORMATION: TELEPHONE: (213) 489-1600
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PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                TELECOMMUNICATION INFORMATION: TELEPHONE: (619) 535-2807
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STATE: California
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// ORGANISM: Mycobacterium tuberculosis
US-10-086-206-2

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Publication No. US20030124546A1

GENERAL INFORMATION:
APPLICANT: Magdelena, J
APPLICANT: Supply,
APPLICANT: Supply,
APPLICANT: OCOT, C
TITLE OF INVENTION: M. TUBERCULOSIS COMPLEX MEMBERS MYCOBACTERIA SPECIFIC
TITLE OF INVENTION: MUCLEIC ACID FRAGMENTS AND THEIR APPLICATIONS FOR THE
TITLE OF INVENTION: DETECTION AND DIFFERENTIAL DIAGNOSIS OF M. TUBERCULOSIS
TITLE OF INVENTION: DETECTION AND DIFFERENTIAL DIAGNOSIS OF M. TUBERCULOSIS
TITLE OF INVENTION: COMPLEX MEMBERS
FILE REFERENCE: 408.014
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CURRENT FILING DATE: 2002-02-28
PRIOR APPLICATION NUMBER: PCT/FR97/01483
PRIOR FILING DATE: 1997-08-12
PRIOR APPLICATION NUMBER: FR 96/10277
PRIOR APPLICATION NUMBER: FR 96/10277
PRIOR FILING DATE: 1996-08-19
                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
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US-09-938-842A-478
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US-09-938-965-820
US-10-425-115-72804
US-09-983-965-1073
US-09-983-965-1073
US-09-983-965-1073
US-09-983-965-1073
US-09-983-963-35800
US-10-427-963-35800
US-10-427-901-996
US-10-437-963-10171
US-10-437-963-17284
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US-10-437-963-17735
US-10-425-115-17284
US-10-425-115-17284
US-10-425-115-17284
US-10-425-115-34096
US-10-437-963-97098
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US-10-437-963-97098
US-10-437-963-97098
US-10-437-963-97098
US-10-437-963-970708
US-10-437-963-970708
US-10-767-701-29497
US-09-918-995-30706
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Pred. No. 7.6e-18;
; Mismatches 0;
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72804, A
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; TYPE: DNA ; ORGANISM: Mycobacterium tuberculosis US-10-080-170-648
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; ORGANISM: Mycobacterium tuberculosis
US-10-086-206-1
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US-10-080-170-648
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US-10-080-170-648
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Best Local S
Matches 40
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Publication No. US20030129601A1
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: COMPARATIVE MYCOBACTERIAL GENOMICS AS A TOOL FOR
TITLE OF INVENTION: TDENTIFYING TARGETS FOR THE DIAGNOSIS, PROPHYLAXIS
TITLE OF INVENTION: TREATMENT OF MYCOBACTERIOSES
FILE REFERENCE: 03495.0218
FULE REFERENCE: 03495.0218
CURRENT APPLICATION NUMBER: US/10/080,170
CURRENT FILING DATE: 2002-06-10
PRIOR PIPLICATION NUMBER: 60/270,123
PRIOR FILING DATE: 2001-02-22
NUMBER OF SEQ ID NOS: 652
             Sequence 648, Application US/10080170

Publication No. US20040121322A9

GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: COLE, S.T.

APPLICANT: COLE, S.T.

TITLE OF INVENTION: COMPARATIVE MYCOBACTERIAL GENOMICS AS A TOOL FOR

TITLE OF INVENTION: IDENTIFYING TARGETS FOR THE DIAGNOSIS, PROPHYLAXIS OR

TITLE OF INVENTION: TREATMENT OF MYCOBACTERIOSES
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PRIOR FILING DATE: 1996-08-19
NUMBER OF SEQ ID NOS: 11
SOPTWARE: Patentin Ver. 2.1
SEQ ID NO 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: PatentIn SEQ ID NO 648
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APPLICANT: Supply, P
APPLICANT: Supply, P
APPLICANT: Locht, C
TITLE OF INVENTION: M. TUBERCULOSIS COMPLEX MEMBERS MYCOBACTERIA SPECIFIC
TITLE OF INVENTION: DETECTION AND DIFFERENTIAL DIAGNOSIS OF M. TUBERCULOSIS
TITLE OF INVENTION: COMPLEX MEMBERS
FILE OF INVENTION: COMPLEX MEMBERS
FILE REFERENCE: 408.014
CURRENT APPLICATION NUMBER: US/10/086,206
CURRENT APPLICATION NUMBER: DS/10/086,206
CURRENT FILING DATE: 1997-08-12
PRIOR APPLICATION NUMBER: PCT/FR97/01483
PRIOR FILING DATE: 1997-08-12
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Pred. No.
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Pred. No.
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Sequence 3, Application US/106060A Publication No. US20040058369A1 GENERAL INFORMATION:
APPLICANT: Syngenta APPLICANT: Jepson, Ian APPLICANT: Martinez, Alberto APPLICANT: Greenland, Andrew James TITLE OF INVENTION: A GENE SWITCH
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LENGTH: 86114
TYPE: DNA
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SEQ ID NO 648
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Best Local Similarity
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CURRENT FILING DATE: 2003-08-19
PRIOR APPLICATION NUMBER: 10/080,170
PRIOR FILING DATE: 2002-02-22
PRIOR APPLICATION NUMBER: 60/270,123
PRIOR FILING DATE: 2001-02-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: COLE, STEWART
TITLE OF INVENTION: COMPARATIVE MYCOBACTERIAL GENEOMICS AS A TOOL FOR
TITLE OF INVENTION: IDENTIFYING TARGETS FOR THE DIAGNOSIS, PROPHYLAX
TITLE OF INVENTION: TREATMENT OF MYCOBACTERIOSES
FILE REFERENCE: 05394.0019
                                                                    FILE REFERENCE: 1392/4/3/2
CURRENT APPLICATION NUMBER: US/10/606,060A
CURRENT FILING DATE: 2003-06-25
PRIOR APPLICATION NUMBER: US 08/653,648
PRIOR FILING DATE: 1996-05-24
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PRIOR FILING DATE: 2001-02-22
NUMBER OF SEQ ID NOS: 652
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              PRIOR FILING DATE: 2000-05-03
NUMBER OF SEQ ID NOS: 59
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                                                      PRIOR APPLICATION NUMBER: US 09/564,418
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA ORGANISM: Mycobacterium tuberculosis
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PatentIn version 3.2
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                                                     Matches
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                                                                   Query Match
Best Local
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Best Local Similarity
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OTHER INFORMATION: n is a
FEATURE:
NAME/KEY: misc_feature
LOCATION: (2241)...(2241)
OTHER INFORMATION: n is a
                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/10/606,060A CURRENT FILING DATE: 2003-06-25 PRIOR APPLICATION NUMBER: US 08/653,648 PRIOR FILING DATE: 1996-05-24 PRIOR APPLICATION NUMBER: US 09/564,418 PRIOR APPLICATION NUMBER: US 09/564,418 PRIOR FILING DATE: 2000-05-03 NUMBER OF SEQ ID NOS: 59
                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Martinez, Alberto
APPLICANT: Greenland, Andrew Jame
TITLE OF INVENTION: A GENE SWITCH
FILE REFERENCE: 1392/4/3/2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Syngenta
                                                                                                                                                                                                                                                                                          SOFTWARE: PatentIn version 3.2
                                                                                                                                                                              LOCATION: (2241)..(2241) OTHER INFORMATION: n=a,
                                                                                                                                                                                                         FEATURE:
NAME/KEY: misc
                                                                                                                                                                                                                                    ORGANISM: Heliothis virescens
                                                                                                                                                                                                                                                    TYPE: DNA
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                                                                  Local
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1823 CCGACGACGATGCAGAGCGT 1842
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                         11 CCGACGACGATGCAGAGCGT 30
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                                                                  Similarity
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                                                     Conservative
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100.0%; F1
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                                                   Score 20; DB; Pred. No. 0.6
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US-10-437-963-100131 ; Sequence 100131, Application US/10437963 ; Publication No. US20040123343A1

GENERAL INFORMATION:

APPLICANT: La Rosa, Thomas J. APPLICANT: Kovalic, David K. APPLICANT: Zhou, Yihua

RESULT 8

With

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CURRENT FILING DATE: 2003-08-29
PRIOR APPLICATION NUMBER: US/09/533,559
PRIOR FILING DATE: 2000-03-22
PRIOR APPLICATION NUMBER: 09/273,623
PRIOR FILING DATE: 1999-03-22
PRIOR FILING DATE: 1999-03-22
NUMBER OF SEQ ID MOS: 7860
SOPTWARE: FastSEQ for Windows Version 4.0
SEQ ID MO 2252
ENGTH: 461
US-10-437-963-26020
; Sequence 26020, Application US/10437963
; Publication No. US20040123343A1
                                                                                                                                                                                                                                                  ORGANISM: Pusarium venenatum FEATURE:

AAME/KEY: misc feature
LOCATION: (1)...(461)
OTHER INFORMATION: n = A,T,C or
US-10-653-047-2252
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US-10-653-047-2252/c
                                                       RESULT 10
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Best Local 9
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SEQ ID NO 100131
LENGTH: 399
TYPE: DNA
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Best Local (
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APPLICANT:
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TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53221)B
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT FILING DATE: 2003-05-14
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: Methods For Monitoring Multiple Gene TITLE OF INVENTION: Expression
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                                                                                                          77 GAGCGTAGCGATGAGGAGG 59
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19; Conserv
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Jeffrey R.Shuster
Sakari Kauppinen
Ib Groth Clausen
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Wei
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APPLICANT: XU, H:

TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
FILE REFERENCE: ELITRA.034A
CURRENT APPLICATION NUMBER: US/10/282,122A
CURRENT FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: 60/191,078
PRIOR FILING DATE: 2000-03-21
PRIOR FILING DATE: 2000-05-23
PRIOR FILING DATE: 2000-05-23
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: 60/207,727
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: 60/230,335
PRIOR APPLICATION NUMBER: 60/230,335
PRIOR APPLICATION NUMBER: 60/230,347
PRIOR FILING DATE: 2000-09-06
PRIOR APPLICATION NUMBER: 60/230,347
PRIOR FILING DATE: 2000-09-09
PRIOR APPLICATION NUMBER: 60/2342,578
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US-10-282-122A-26164
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TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53221)B
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT FILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
SEQ ID NO 26020
LENGTH: 2187
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Publication No. US20040029129A1
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                                                          OR FILING DATE: 2000-10-23

OR APPLICATION NUMBER: 60/253,625

OR FILING DATE: 2000-11-27

OR APPLICATION NUMBER: 60/257,931

OR FILING DATE: 2000-12-22

OR APPLICATION NUMBER: 60/267,636
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APPLICATION FILING DATE:
                                          FILING DATE:
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19; Conserv
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Yamamoto, Robert
Forsyth, R.
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Wu, Wei
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Ohlsen, Kari
Zyskind, Judith
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Malone, Cheryl
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Trawick, John
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dio, Carlos
                    NUMBER: 60/269,308
                                          2001-02-09
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                                                                                                      ; TYPE: DNA
; ORGANISM: Mycobacterium tuberculosis
US-10-282-122A-28483
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NUMBER OF SEQ ID NOS: 78614
SOFTWARE: PatentIn version 3.1
SEQ ID NO 26164
LENGTH: 1287
TYPE: DNA
                                                                                                                                                       PRIOR FILING DATE: 2001-02-16
Remaining Prior Application data removed -
NUMBER OF SEQ ID NOS: 78614
SOFTWARE: PatentIn version 3.1
SEQ ID NO 28483
LENGTH: 1290
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Best Local Similarity
                                 Matches
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                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: 60/267,636
PRIOR FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: 60/269,308
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: 60/191,078
PRIOR FILING DATE: 2000-03-21
PRIOR APPLICATION NUMBER: 60/206,848
PRIOR FILING DATE: 2000-05-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILE REFERENCE: ELITRA.034A
CURRENT APPLICATION NUMBER: US/10/282,122A
CURRENT FILING DATE: 2003-02-20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: 60/207,727
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                                                                                                                                                                                                                                                                                                                                             FILING DATE: 2000-10-23
APPLICATION NUMBER: 60/253,625
OTTING DATE: 2000-11-27
                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: 60/242,578
                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: 60/230,347 FILING DATE: 2000-09-09
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8 GCGCCGACGACGATGCAG 25
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Malone, Cheryl
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Forsyth, R.
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100.0%; Pred. No. 7.9;
live 0; Mismatches
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100.0%; Pred. No.
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                                                                             ) OTHER INFORMATION: Clone ID: US-10-437-963-51997
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LENGTH: 2731748
TYPE: DNA
ORGANISM: Xylella fastidiosa
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Query Match 32.1%;
Best Local Similarity 100.0%;
Matches 17; Conservative (
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SEQ ID NO 51997
LENGTH: 268
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Publication No. US20040123343A1
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APPLICANT: Setubal, Joao
APPLICANT: Medianis, Joao
APPLICANTION ISOLAted Genome of Xylella Fastidiosa and Uses Thereof
FILE REPERENCE: FAPESP 202 US (10213376)
CURRENT APPLICATION NUMBER: US/10/297,465A
CURRENT FILING DATE: 2001-06-07
PRIOR APPLICATION NUMBER: PCT/IB01/01618
PRIOR APPLICATION NUMBER: 60/209,906
PRIOR APPLICATION NUMBER: 60/209,906
                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement FILE REFERENCE: 38-21(53221)B CURRENT APPLICATION NUMBER: US/10/437,963 CURRENT FILING DATE: 2003-05-14
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NUMBER OF SEQ ID NOS: 1
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                                                                                                                 NAME/KEY: unsure
LOCATION: (1)..(268)
OTHER INFORMATION: unsure at all n locations
FEATURE:
                                                                                                                                                                                                             ORGANISM: Oryza sativa
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                                                                                                                                                                                                                                   TYPE: DNA
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Zhou, Yihua
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Barbazuk, Brad
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   Score 17; DB; Pred. No. 35; 0; Mismatches
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APPLICANT: BLUMWALL), Eduardo
APPLICANT: APSE, Maris
APPLICANT: APSE, Maris
APPLICANT: AHARON, Gilad
TITLE OF INVENTION: GENETIC ENGINEERING SALT TOLERANCE IN
TITLE OF INVENTION UNMBER: US/11/065,977A
CURRENT FILING DATE: 2005-02-24
PRIOR APPLICATION NUMBER: US 60/078,474
PRIOR FILING DATE: 1998-03-18
PRIOR APPLICATION UNMBER: US 60/116,111
PRIOR FILING DATE: 1999-01-15
NUMBER: OF SEQ ID NOS: 37
NUMBER OF SEQ ID NOS: 37
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                                         US-10-305-720-893
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SEQ ID NO 24
LENGTH: 268
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CURRENT FILING DATE: 2002-11-26
PRIOR APPLICATION NUMBER: 09/016,434
PRIOR FILING DATE: 1998-01-30
NUMBER OF SEQ ID NOS: 1490
SOFTWARE: PERL Program
SEQ ID NO 893
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Best Local Similarity
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Query Match
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LOCATION: 69, 217, 223, 249
OTHER INFORMATION: n = A,T,C
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ORGANISM: Oryza sativa
                                                         NAME/KEY: unsure LOCATION: (1) ... OTHER INFORMATION:
                                                                                                                                                                                      TYPE: DNA
ORGANISM: Homo sapiens
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No. US20050204430A1
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b. US20040010136A1
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100.0%; Pred. No.
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; Sequence 111421, Application US/10425115
; Publication No. US20040214272A1
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GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: La Rosa, Thomas J.

APPLICANT: Kovalic, David K.

APPLICANT: Zhou, Yihua

APPLICANT: Cao, Yongwei

TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With

TITLE OF INVENTION: Plants

FILE REFERENCE: 38-21(53222)B

CURRENT ELLING DATE: 2003-04-28

NUMBER OF SEQ ID NOS: 369326

SEQ ID NO 111421
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Remaining Prior Application data removed -
NUMBER OF SEQ ID NOS: 23767
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 3332
LENGTH: 300
TYPE: DNA
ORGANISM: Homo sapiens
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Publication No. US20
GENERAL INFORMATION
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CURRENT APPLICATION NUMBER: US/10/779,543

CURRENT FILING DATE: 2004-02-12

PRIOR APPLICATION NUMBER: 10/076,555

PRIOR FILING DATE: 2002-02-15

PRIOR FILING DATE: 2002-02-15
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PRIOR FILING DATE: 1998-12-21
PRIOR APPLICATION NUMBER: 60/068,755
PRIOR FILING DATE: 1997-12-23
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PRIOR APPLICATION NUMBER: 60/080,114
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PRIOR FILING DATE: 1999-01-28
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PRIOR APPLICATION NUMBER: 60/105,234
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; FEATURE:
; OTHER INFORMATION: Clone ID:
US-10-767-701-12378
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TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53221)B
CURRENT FILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
SEQ ID NO 49435
LENGTH: 414
TYPE: DNA
                                                   TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With TITLE OF INVENTION: Plants and Uses Thereof For Plant Improvement FILE REFERENCE: 38-21(5355)B
CURRENT APPLICATION NUMBER: US/10/767,701
CURRENT FILING DATE: 2004-01-29
NUMBER OF SEQ ID NOS: 63128
SEQ ID NO 12378
LENGTH: 558
TYPE: DNA
ORGANISM: Sorghum bicolor
                                                                                                                                                                                                                                                                                                 Sequence 12378, Application US/10767701 Publication No. US20040172684A1 GENERAL INFORMATION:
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Best Local :
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Best Local Similarity
Matches 17; Conserv
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Publication No. US20040123343A1
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APPLICANT: Kovalic, David K.
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
APPLICANT: Wu, Wei
                                                                                                                                                                                                                                            APPLICANT: Kovalic, David
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
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OTHER INFORMATION: Clone ID: PAT_MRT4530_52017C.1
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TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Barbazuk, Brad
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Boukharov, Andrey A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Conservative
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                                                                                                                                                                                                                                                                                 David K.
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; Pred. No.
                   LIB5047-010-R1-XP1-A6
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33;
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; OTHER INFORMATION: Clone ID: UC-ZMFLB73303D03_FLI US-10-425-114-32377
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US-10-425-114-1785/c
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Best Local Similarity
Matches 17; Conser
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                                                                                                                                                                                APPLICANT: Liu, Jingdong
APPLICANT: Zhou, Yihua
APPLICANT: Kovalic, David K.
APPLICANT: Kovalic, David K.
APPLICANT: Screen, Steven E
APPLICANT: Tabaska, Jack E
APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
TITLE REFERENCE: 38-21(53313)8
CURRENT APPLICATION NUMBER: US/10/425,114
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Publication No. US20040034888A1
GENERAL INFORMATION:
APPLICANT: Liu, Jingdong
APPLICANT: Zhou, Yihua
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CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 73128
SEQ ID NO 1785
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Best Local
                                            Query Match
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APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53313)B
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TYPE: DNA
                                                                                                                                                           ORGANISM: Zea mays
                                                                                                                                                                              TYPE: DNA
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                                                                                                                                      FEATURE:
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Local Similarity 100 nes 17; Conservative
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Screen, Steven
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100.0%; Pred. No.
tive 0; Mismatc
32.1%; Score 17; DB 7; 100.0%; Pred. No. 30; ive 0; Mismatches
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Pred. No. 30;
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                                            Length 672;
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RESULT 23
US-10-425-115-30511/c
US-10-425-115-30511, Application US/10425115
; Publication No. US20040214272A1
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SEQ ID NO 30511
LENGTH: 791
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APPLICANT:
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PRIOR AP
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TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated
TITLE OF INVENTION: Plants
FILE REFERENCE: 38-21(53222)B
CURRENT APPLICATION NUMBER: US/10/425,115
CURRENT FILING DATE: 2003-04-28
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OR APPLICATION NUMBER: 09/148,545
OR FILING DATE: 1998-09-04
OR APPLICATION NUMBER: 60/040,162
OR FILING DATE: 1997-03-07
OR APPLICATION NUMBER: 60/040,333
OR FILING DATE: 1997-03-07
OR APPLICATION NUMBER: 60/038,621
OR FILING DATE: 1997-03-07
OR APPLICATION NUMBER: 60/038,621
OR FILING DATE: 1997-03-07
DR FILING DATE: 1997-03-07

DR APPLICATION NUMBER: 60/047,615

DR FILING DATE: 1997-05-23

DR APPLICATION NUMBER: 60/047,600

DR FILING DATE: 1997-05-23

DR APPLICATION NUMBER: 60/047,597

DR FILING DATE: 1997-05-23

DR APPLICATION NUMBER: 60/047,597

DR APPLICATION NUMBER: 60/047,502

DR FILING DATE: 1997-05-23

DR FILING DATE: 1997-05-23
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FILING DATE: 1997-03-07
APPLICATION NUMBER: 60/040,334
FILING DATE: 1997-03-07
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FILING DATE: 1997-03-07
APPLICATION NUMBER: 60/040,163
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17; Conserv
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Zhou, Yihua
Cao, Yongwei
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100.0%; Pr
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29;
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DR APPLICATION NUMBER: 60/043,672

DR FILING DATE: 1997-04-11

DR APPLICATION NUMBER: 60/043,315

DR FILING DATE: 1997-04-11

DR APPLICATION NUMBER: 60/048,974
                                                        R FILING DATE:
R APPLICATION N
FILING DATE:
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APPLICATION NUMBER: 60/056,877
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APPLICATION NUMBER: 60/056,889
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FILING DATE: 1997-04-11
APPLICATION NUMBER: 60/043,313
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APPLICATION NUMBER: 60/047,632
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APPLICATION NUMBER: 60/047,582
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APPLICATION NUMBER: 60/047,613
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APPLICATION NUMBER: 60/047,581
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                     NUMBER: 60/056,630: 1997-08-22
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SOFTWARE: PatentIn Ver. 2
SEQ ID NO 24
LENGTH: 796
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APPLICATION NUMBER: 60/056,875
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APPLICATION NUMBER: 60/056,636 FILING DATE: 1997-08-22 APPLICATION NUMBER: 60/056,874

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APPLICATION NUMBER: 60/056,903 FILING DATE: 1997-08-22 APPLICATION NUMBER: 60/056,637 APPLICATION NUMBER: 60/056,882

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APPLICATION NUMBER: 60/047,594

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APPLICATION NUMBER: 60/047,589 FILING DATE: 1997-05-23 APPLICATION NUMBER: 60/047,593 FILING DATE: 1997-05-23 APPLICATION NUMBER: 60/047,614

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APPLICATION NUMBER: 60/047,501 FILING DATE: 1997-05-23 APPLICATION NUMBER: 60/043,670

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EARLIER APPLICATION NUMBER: 60/056,884
EARLIER FILING DATE: 1997-08-22
NUMBER OF SEQ ID NOS: 280
SOFTWARE: PATENTIN VET: 2.0
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PRIOR APPLICATION NUMBER: 60/040,333
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PRIOR APPLICATION NUMBER: US/09/621,011
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TYPE: DNA
ORGANISM: Homo sapiens
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FILING DATE: 1998-09-04
APPLICATION NUMBER: 60/040,162
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APPLICATION NUMBER: 60/040,161
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ER APPLICATION NUMBER: 60/048,964
ER FILING DATE: 1997-06-06
ER APPLICATION NUMBER: 60/057,650
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GENERAL INFORMATION APPLICANT: Rosen et Patent No. Sequence PRIOR FILING DATE: 1998-09-04 PRIOR APPLICATION NUMBER: 09/148,545 CURRENT APPLICATION NUMBER: US/09/981,876
CURRENT FILING DATE: 2001-10-19 FILE REFERENCE: PZ001P1 TITLE OF INVENTION: 70 Human Secreted Proteins APPLICATION NUMBER: 60/047,601 APPLICATION APPLICATION NUMBER: 60/047,596 APPLICATION NUMBER: 60/047,613 FILING DATE: 1997-05-23 APPLICATION NUMBER: APPLICATION NUMBER: 60/047,587 APPLICATION NUMBER: 60/047,503 FILING DATE: 1997-05-23 APPLICATION NUMBER: 60/047,618 APPLICATION NUMBER: 60/047,617 APPLICATION NUMBER: 60/047,583 APPLICATION NUMBER: 60/047,633 APPLICATION NUMBER: 60/047,597 APPLICATION NUMBER: 60/047,600 FILING DATE: 1997-05-23 FILING DATE: 1997-05-23 APPLICATION NUMBER: 60/047,615 FILING DATE: APPLICATION NUMBER: 60/040,163 APPLICATION NUMBER: 60/040,336 FILING DATE: APPLICATION NUMBER: 60/040,334 FILING DATE: APPLICATION NUMBER: 60/040,626 FILING DATE: APPLICATION NUMBER: 60/040,161 FILING DATE: APPLICATION NUMBER: 60/038,621 FILING DATE: APPLICATION NUMBER: 60/040,333 FILING DATE: APPLICATION NUMBER: 60/040,162 FILING DATE: FILING DATE: FILING DATE: APPLICATION NUMBER: FILING DATE: FILING DATE: APPLICATION FILING DATE: APPLICATION NUMBER: 60/047,598 FILING DATE: FILING DATE: APPLICATION NUMBER: 60/047,500 FILING DATE: APPLICATION NUMBER: 60/047,584 FILING DATE: APPLICATION NUMBER: FILING DATE: APPLICATION NUMBER: 60/047,592 FILING DATE: FILING DATE: FILING DATE: FILING DATE: FILING DATE: APPLICATION NUMBER: FILING DATE: FILING DATE: 89, US20020164669A1 Application US/09981876 NUMBER: 60/047,632 NUMBER: 60/047,582 1997-05-23 1997-05-23 1997-03-07 1997-03-07 1997-03-07 1997-05-23 1997-03-07 1997-05-23 1997-05-23 1997-05-23 1997-05-23 1997-03-07 1997-05-23 1997-05-23 1997-05-23 1997-05-23 1997-05-23 1997-05-23 1997-05-23 1997-05-23 1997-05-23 1997-05-23 1997-05-23 1997-03-07 1997-03-07 1997-03-07 60/043,568 60/047,612 60/047,492 60/047,581 60/047,502

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PRIOR FILING DATE: 1997-04-11
PRIOR APPLICATION NUMBER: 60/043, 314
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PRIOR APPLICATION NUMBER: 60/043, 671
PRIOR PILING DATE: 1997-04-11
PRIOR APPLICATION NUMBER: 60/043, 312
PRIOR PILING DATE: 1997-04-11
PRIOR APPLICATION NUMBER: 60/043, 312
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PRIOR APPLICATION NUMBER: 60/043, 313
PRIOR PILING DATE: 1997-04-11
PRIOR APPLICATION NUMBER: 60/043, 313
PRIOR PILING DATE: 1997-04-11
PRIOR APPLICATION NUMBER: 60/043, 315
PRIOR PILING DATE: 1997-04-11
PRIOR APPLICATION NUMBER: 60/043, 315
PRIOR PILING DATE: 1997-04-11
PRIOR APPLICATION NUMBER: 60/056, 896
PRIOR PILING DATE: 1997-04-11
PRIOR APPLICATION NUMBER: 60/056, 897
PRIOR PILING DATE: 1997-08-22
PRIOR PILING DATE: 1997-08-22
PRIOR APPLICATION NUMBER: 60/056, 893
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PRIOR PILING DATE: 1997-08-22
PRIOR APPLICATION NUMBER: 60/056, 894
PRIOR PILING DATE: 1997-08-22
PRIOR APPLICATION NUMBER: 60/0
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RESULT 28
US-09-148-545-89
; Sequence 89, Application US/09148545
; Publication No. US20030027132A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: 70 Human Secreted Proteins
; FILE REFERENCE: PZ001P1
; CURRENT APPLICATION NUMBER: US/09/148,545
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PRIOR APPLICATION NUMBER: 60/05
PRIOR FILING DATE: 1997-09-05
PRIOR FILING DATE: 1997-08-22
PRIOR FILING DATE: 1997-08-22
NUMBER OF SEQ ID NOS: 280
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 89
LENGTH: 855
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OR FILING DATE: 1997-05-23
OR APPLICATION NUMBER: 60/043,670
OR FILING DATE: 1997-04-11
OR APPLICATION NUMBER: 60/056,632
OR FILING DATE: 1997-08-22
OR APPLICATION NUMBER: 60/056,664
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OR APPLICATION NUMBER: 60/056,664
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OR APPLICATION NUMBER: 60/056,876
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APPLICATION NUMBER: 60/056,908
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APPLICATION NUMBER: 60/056,887
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APPLICATION NUMBER: 60/056,909
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,632 ,601 ,580 ,568 ,314 ,311 ,311	, 621 , 626 , 626 , 626 , 626 , 336 , 163 , 163 , 500 , 500 , 500 , 500 , 581 , 581 , 581 , 581 , 582 , 582 , 582 , 582	-04 PCT/US98/04482 -06 -07/040,162 -07/040,333
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EARLIER FILING DATE: 1997-08-22 EARLIER PEDICATION NUMBER: 60/056,8 EARLIER FILING DATE: 1997-08-22 EARLIER APPLICATION NUMBER: 60/047,5 EARLIER APPLICATION NUMBER: 60/057,7 EARLIER FILING DATE: 1997-05-23 EARLIER FILING DATE: 05-8ep-1997 EARLIER FILING DATE: 1997-05-23 EARLIER APPLICATION NUMBER: 60/047,5 EARLIER APPLICATION NUMBER: 60/047,5 EARLIER APPLICATION NUMBER: 60/047,5 EARLIER APPLICATION NUMBER: 60/047,5 EARLIER FILING DATE: 1997-05-23 EARLIER APPLICATION NUMBER: 60/047,5 EARLIER FILING DATE: 1997-05-23 EARLIER APPLICATION NUMBER: 60/047,5	APPLICATION PETLING DATE APPLICATION PETLING D	EARLIER APPLICATION NUMBER: 60/ EARLIER FILING DATE: 1997-04-11 EARLIER APPLICATION NUMBER: 60/ EARLIER FILING DATE: 1997-04-11 EARLIER APPLICATION NUMBER: 60/ EARLIER FILING DATE: 1997-04-11/

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Matches 17
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                                                                                    APPLICANT: Rosen et al.
TITLE OF INVENTION: 70 Human Secreted Proteins
FILE REFERENCE: PZ001P1
CURRENT APPLICATION NUMBER: US/10/979,111
CURRENT FILING DATE: 2004-11-02
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EARLIER FILING DATE: 1997-08-22
                             PRIOR APPLICATION NUMBER: US/09/621,011
PRIOR FILING DATE: 2000-07-20
PRIOR APPLICATION NUMBER: 09/148,545
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FILING DATE: 1998-09-04
APPLICATION NUMBER: 60/040,162
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APPLICATION NUMBER: 60/047,590
FILING DATE: 1997-05-23
APPLICATION NUMBER: 60/047,594
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APPLICATION NUMBER: 60/048,964
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APPLICATION NUMBER: 60/056,887
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17; Conserv
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; ORGANISM: Homo sapiens
FEATURE:
; NAME/KRY: SIMILAR
; LOCATION: (381)..(515)
; OTHER INFORMATION: 95% homologous to Homo sapiens 8D6 antigen, accession number
; OTHER INFORMATION: AL365455, Smith-Waterman Score=254.
US-10-450-763-18397
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NUMBER OF SEQ ID NOS: 280
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 89
                                                                                                                                                                    SOFTWARE: Custom SEQ ID NO 18397
                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 18397, Application US/10450763 Publication No. US20050196754A1 GENERAL INFORMATION:
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NAME/KEY: SITE
LOCATION: (831)
OTHER INFORMATION: 1
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CURRENT FILING DATE: 2003-06-11
                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: 09/649,167
PRIOR FILING DATE: 2000-08-23
                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: 09/540,217 PRIOR FILING DATE: 2000-03-31
                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: PCT/US01/08631 PRIOR FILING DATE: 2001-03-30
                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Hyseq, Inc
TITLE OF INVENTION: NOVEL NUCLEIC ACIDS AND POLYPEPTIDES
FILE REFERENCE: 790CIP3/US
                                                                                                                                                                                                         NUMBER OF SEQ ID NOS: 60736
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ORGANISM: Homo sapiens
FEATURE:
                                                                                                                                 TYPE: DNA
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LOCATION: (767)
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LOCATION: (103
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FILING DATE: 1997-03-07
APPLICATION NUMBER: 60/038,621
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                                                                                                     ; OTHER INFORMATION: Clone ID: MRT4577_127839C.1 US-10-425-115-30514
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                                                                                                                                                                                  NUMBER OF SEQ ID NOS: 369326
SEQ ID NO 30514
LENGTH: 1103
                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: La Rosa, Thomas J.
APPLICANT: Kovalic, David K.
APPLICANT: Zhou, Yihua
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants
FILE REFERENCE: 38-21(53222)B
FILE REFERENCE: 38-21(53222)B
CURRENT APPLICATION NUMBER: US/10/425,115
CURRENT FILING DATE: 2003-04-28
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LENGTH: 1034
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Publication No. US20040123343A1
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Matches 17; Conservative
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TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53221)B
FULR REFERENCE: 38-21(53221)B
FULR REFERENCE: US/10/437,963
FURRENT APPLICATION NUMBER: US/10/437,963
FURRENT FILING DATE: 2003-05-14
FURRENCE FILING DATE: 2003-05-14
FURRENCE FILING DATE: 2003-05-14
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APPLICANT: Kovalic, David K.
APPLICANT: Zhou, Yihua
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OTHER INFORMATION: Clone ID: PAT_MRT4530_94856C.1
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37 GAGGAGGAGTGGCGCTG 53
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APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
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PRIOR FILING DATE: 2000-02-22
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                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: PCT/US99/21547
                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: PCT/US99/20944
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PRIOR APPLICATION NUMBER: PCT/US99/21090
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                                                                                                                                                                                                                                                               APPLICATION NUMBER: PCT/US99/28214 FILING DATE: 1999-11-29
                                        APPLICATION NUMBER: PCT/US99/30999
                                                          APPLICATION NUMBER: PCT/US99/30911 FILING DATE: 1999-12-20
                                                                                                               APPLICATION NUMBER: PCT/US99/30095
                                                                                                                                                               APPLICATION NUMBER: PCT/US99/28565
                                                                                                                                                                                APPLICATION NUMBER: PCT/US99/28564
FILING DATE: 1999-12-02
                                                                                                                                                                                                                                              APPLICATION NUMBER: PCT/US99/28313
                                                                                                                                                                                                                                                                                                                                                   FILING DATE:
FILING DATE: APPLICATION
                                                                                                     FILING DATE: 1999-12-16
                                                                                                                                                                                                                           FILING DATE: 1999-11-30
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Gao, Wei-Qiang
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Stewart, Timothy A.
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Mather, Jennie P.
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Filvaroff, Ellen
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Botstein, David
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NUMBER: PCT/US00/00219
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Query Match
Best Local Similarity
Watches 17; Conserva
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-909-320-126
                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/09/909,088B CURRENT FILING DATE: 2001-07-18 PRIOR APPLICATION NUMBER: PCT/US00/04414 PRIOR FILING DATE: 2000-02-22 PRIOR APPLICATION NUMBER: US 60/143,048 PRIOR APPLICATION NUMBER: US 60/145,698 PRIOR APPLICATION NUMBER: US 60/145,698 PRIOR FILING DATE: 1999-07-26
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SEQ ID NO 126
LENGTH: 1210
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                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: 10466-14
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FILIUS DATE: 1999-07-26
APPLICATION NUMBER: US 60/146,222
FILIUS DATE: 1999-07-28
                                                           FILING DATE: 1999-09-15
APPLICATION NUMBER: PCT/US99/21547
FILING DATE: 1999-09-15
APPLICATION NUMBER: PCT/US99/23089
FILING DATE: 1999-10-05
                                                                                                                                                                          FILING DATE: 1999-09-08
APPLICATION NUMBER: PCT/US99/20944
                                                                                                                                                                                                              APPLICATION NUMBER: PCT/US99/20594
                                                                                                                                               APPLICATION NUMBER: PCT/US99/21090
                                FILING DATE:
                                               APPLICATION NUMBER: PCT/US99/28214
                                                                                                                                                                FILING DATE:
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b. US20020146709A1
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Gao, Wei-Qiang
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Stewart, Timothy A.
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Mather, Jennie P.
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Filvaroff, Ellen
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Botstein, David
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                              1999-11-29
NUMBER: PCT/US99/28313
1999-11-30
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; SEQ ID NO 126
; LENGTH: 1210
; TYPE: DNA
; ORCANISM: Homo sapiens
US-09-909-088B-126
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PRIOR FILING DATE: 1999-12-16
PRIOR PPLICATION NUMBER: PCT/US99/30911
PRIOR PILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
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PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
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APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
ETLE REFERENCE: 10466-14
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CURRENT FILING DATE: 2001-07-12
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17; Conserv
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Stewart, Timothy A.
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Gao, Wei-Qiang
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Filvaroff, Ellen
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Botstein, David
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Mather, Jennie P.
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Hillan, Kenneth, J.
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FILING DATE:

1999-09-

NUMBER: PCT/US99/20944

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; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 126
; LENGTH: 1210
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-905-291A-126
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Matches
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PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR FILING DATE: 1999-11-30
PRIOR FILING DATE: 1999-11-30
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               TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same
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OR FILING DATE: 1999-12-02
OR APPLICATION NUMBER: PCT/US99/28565
OR FILING DATE: 1999-12-02
OR APPLICATION NUMBER: PCT/US99/30095
OR APPLICATION NUMBER: PCT/US99/30911
OR APPLICATION NUMBER: PCT/US99/30911
OR FILING DATE: 1999-12-20
OR FILING DATE: 1999-12-20
OR FILING DATE: 1999-12-20
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REFERENCE: 10466-14
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FILING DATE: 1999-09-15
APPLICATION NUMBER: PCT/US99/21547
FILING DATE: 1999-09-15
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FILING DATE: 1999-12-20
APPLICATION NUMBER: PCT/US00/00219
FILING DATE: 2000-01-05
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Williams, P. Mickey
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Stewart, Timothy A.
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Hillan, Kenneth, J.
Kljavin, Ivar J.
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Botstein, David
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Mather, Jennie P.
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Grimaldi, Christopher J.
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f, Ellen
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100.0%; Pr
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Best Local Similarity
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; ORGANISM: Homo Sapien
US-09-902-853-126
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NUMBER OF SEQ ID NOS
SEQ ID NO 126
LENGTH: 1210
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Publication No.
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APPLICANT:
APPLICANT:
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PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
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PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
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PRIOR FILING DATE: 1999-09-13
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PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
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PRIOR APPLICATION NUMBER: PCT/US99/28313
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PRIOR APPLICATION NUMBER: PCT/US99/28214
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FILING DATE: 1999-12-02
APPLICATION NUMBER: PCT/US99/28565
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APPLICATION NUMBER: PCT/US99/30999
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Godowski, Paul J.
Grimaldi, Christopher J.
Gurney, Austin L.
Hillan, Kenneth, J.
                                                                                                                                                   Fong,
                                                                         Goddard, A.
                                                                                           Gerritsen, Mary E
                                                                                                                                                                     Ferrara, Napoleone
Filvaroff, Ellen
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Eaton, Dan L.
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Botstein, David
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o. US20020197671A1
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Botstein,

David

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RESULT 38
US-09-907-841-126
; Sequence 126, Applica:
; Publication No. US200:
; GENERAL INFORMATION:
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SEQ ID NO 126
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APPLICANT: Genentech, Inc. APPLICANT: Ashkenazi, Avi
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PRIOR TILING DATE: 2000-02-2
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
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FILING DATE: 1999-07-26
APPLICATION NUMBER: US 60/146,222
FILING DATE: 1999-07-28
APPLICATION NUMBER: PCT/US99/20594
FILING DATE: 1999-09-08
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FILING DATE: 1999-12-02
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APPLICATION NUMBER: PCT/US99/28313
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17; Conserv
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Stewart, Timothy A.
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                                                                 Application US/09907841
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100.0%; Pr
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US-09-904-011-126 RESULT 39

Sequence 126, Application US/09904011 Publication No. US20030003530A1 GENERAL INFORMATION:

APPLICANT:

Ashkenazi, Botstein, D

APPLICANT: Genentech, Inc.

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                                                                                                                                  ; ORGANISM: Homo US-09-907-841-126
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CURRENT APPLICATION NUMBER: US/09/907,841
CURRENT FILING DATE: 2001-11-20
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR FILING DATE: 1999-07-26
                                                                                                                                                                             PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
Remaining Prior Application data removed
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 126
LENGTH: 1210
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Best Local
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PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
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APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and
TITLE OF INVENTION: Acids Encoding the Same
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                                                                                                                                                                    TYPE: DNA
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APPLICATION NUMBER: PCT
FILING DATE: 1999-10-05
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APPLICATION NUMBER: PCT/US99/21090
FILING DATE: 1999-09-15
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17; Conserv
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 AGCGATGAGGAGGAGTG
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Stewart, Timothy A.
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Mather, Jennie P.
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Hillan, Kenneth, J.
Kljavin, Ivar J.
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Grimaldi, Christopher
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Gerritsen, Mary E
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                                                                larity 100.0%; Conservative 0;
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; ORGANISM: Homo Sapien US-09-904-011-126
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SEQ ID NO 126
LENGTH: 1210
TYPE: DNA
Query Match 32.1%; Score 17; DB Best Local Similarity 100.0%; Pred. No. 27; Matches 17; Conservative 0; Mismatches
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PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR APPLICATION ENUMBER: 1999-07-07
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PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
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PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
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CURRENT FILING DATE: 2001-07-11
CURRENT PRIOR APPLICATION NUMBER: 09/665,350
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APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and
TITLE OF INVENTION: Acids Encoding the Same
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: PCT PRIOR FILING DATE: 1999-09-08
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
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FILING DATE: 1999-12-02
APPLICATION NUMBER: PCT/US99/30095
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APPLICATION NUMBER: PCT/US99/28564
APPLICATION 1999-12-02
TTING DATE: 1999-12-07
TTING DATE: 1999-12-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE: 1999-12-16
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FILING DATE: 1999-09-15
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Gao, Wei-Qiang
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Grimaldi, Christopher J.
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Mather, Jennie P.
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Hillan, Kenneth, J.
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Ef, Ellen
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US-09-903-640-126
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; NUMBER OF SEQ ID NOS: 42; SEQ ID NO 126; LENGTH: 1210; TYPE: DNA; ORGANISM: Homo Sapien US-09-903-640-126
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; Publication No. US200
; GENERAL INFORMATION:
; APPLICANT: Genentech
                                                                                                                                                        Sequence 126, Applic Publication No. US20 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity
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APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
                                                                                                     APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
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PRIOR APPLICATION NUMBER: 09/665,350
PRIOR FILING DATE: 2000-09-18
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                                                                                                                                                                                                                                                                               282 AGCGATGAGGAGGAGTG 298
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Ferrara, Napoleone
Filvaroff, Ellen
Fong, Sherman
Gao, Wei-Qiang
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Gao, Wei-Qiang
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                                                                  Desnoyers, Luc
Eaton, Dan L.
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Stewart, Timothy A.
Tumas, Daniel
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Botstein, David
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Mather, Jennie P.
                                                                                                                                                                      Application US/09908093
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Hillan, Kenneth, J.
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Grimaldi, Christopher J.
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Eaton, Dan L.
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o. US20030017463A1
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Ef, Ellen
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100.0%; Pred. No.
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CURRENT FILING DATE: 2001-07-17
PRIOR APPLICATION NUMBER: 09/665,350
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR FILING DATE: 1999-07-07
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR FILING DATE: 1999-07-26
PRIOR FILING DATE: 1999-07-26
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
                                                                         Best Loc
Matches
                                                                                                                                                                  PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILLING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 126
LENGTH: 1210
TYPE: DNA
ORGANISM: Homo Sapien
                                                                                                               Query Match
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                                                                         Local Similarity
les 17; Conserv
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APPLICATION NUMBER: PCT/US99/28564
FILING DATE: 1999-12-02
APPLICATION NUMBER: PCT/US99/28565
FILING DATE: 1999-12-02
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                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: PCT/US99/30999 FILING DATE: 1999-12-20
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APPLICATION NUMBER: PCT/US99/28313
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APPLICATION NUMBER: PCT/US99/28214
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                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: PCT/US99/30911
                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: PCT/US99/30095
282
                    31 AGCGATGAGGAGGAGTG 47
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AGCGATGAGGAGGAGTG 298
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Wood, William,
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Mather, Jennie P.
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Hillan, Kenneth, J.
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ms, P. Mickey
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sen, Mary E.
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                                                                                           Score 17;
Pred. No.
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RESULT 42
US-09-906-742-126
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PRIOR APPLICATION NUMBER: 09/665,350
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR APPLICATION DATE: 2000-02-22
PRIOR FILING DATE: 2000-02-22
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APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/906,742
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                                  PRIOR APPLICATION NUMBER: PCT/US99/30999 PRIOR FILING DATE: 1999-12-20 PRIOR APPLICATION NUMBER: PCT/US00/00219 PRIOR FILING DATE: 2000-01-05
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PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR FILING DATE: 1999-07-28
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R OF SEQ
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APPLICATION NUMBER: PCT/US99/30911
FILING DATE: 1999-12-20
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FILING DATE: 1999-09-08
APPLICATION NUMBER: PCT/US99/20944
                                                                                                                                                                        APPLICATION NUMBER: PCT/US99/28565
FILING DATE: 1999-12-02
APPLICATION NUMBER: PCT/US99/30095
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                                                                                                                                                                                                                                                                          APPLICATION NUMBER: PCT/US99/28313 FILING DATE: 1999-11-30
                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: PCT/US99/23089
FILING DATE: 1999-10-05
APPLICATION NUMBER: PCT/US99/28214
FILING DATE: 1999-11-29
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Stewart, Timothy A.
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Mather, Jennie
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Hillan, Kenneth, J.
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Filvaroff,
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b. US20030023054A1
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ff, Ellen
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Jennie P.
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Query Match
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; TYPE: DNA
; ORGANISM: Homo Sapien
US-09-906-742-126
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PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
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PRIOR FILING DATE: 1999-07-26
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                                                                         FILING DATE: 1999-09-13
APPLICATION NUMBER: PCT/US99/21090
FILING DATE: 1999-09-15
APPLICATION NUMBER: PCT/US99/21547
FILING DATE: 1999-09-15
                                                                                                                                                                                        APPLICATION NUMBER: US 60/146,222 FILING DATE: 1999-07-28 APPLICATION NUMBER: PCT/US99/20594
                          APPLICATION NUMBER: PCT/US99/23089
FILING DATE: 1999-10-05
APPLICATION NUMBER: PCT/US99/28214
                                                                                                                                                         APPLICATION NUMBER: PCT/US99/20944
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APPLICATION NUMBER: PCT/US99/28313
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Williams, P. Mickey
Wood, William, I.
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Gurney, Austin L.
Hillan, Kenneth, J.
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Botstein, David
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Filvaroff, Ellen
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D. US20030027143A1
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                                       CURRENT APPLICATION NUMBER: US/09/907,613
CURRENT FILING DATE: 2001-07-17
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILLING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
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Best Local (
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SEQ ID NO 126
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FILE REFERENCE: 10466-14
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TYPE: DNA
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PRIOR FILING DATE: 2000-01-05
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FILING DATE: 1999-12-02
APPLICATION NUMBER: PCT/US99/30095
APPLICATION FILING DATE:
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FILING DATE: 1999-12-20
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Roy, Margaret Ann
Chawart, Timothy A.
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Gao, Wei-Qiang
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Hillan, Kenneth, J.
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Grimaldi, Christopher
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Eaton, Dan L.
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Botstein, David
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Pred. No.
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APPLICATION NUMBER: PCT/US99/20944
FILING DATE: 1999-09-13
APPLICATION NUMBER: PCT/US99/21090
FILING DATE: 1999-09-15

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RESULT 45
US-09-907-942-126
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SEQ ID NO 126
LENGTH: 1210
TYPE: DNA
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APPLICANT:
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PRIOR FILING DATE: 2000-01-05
      APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
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DR FILING DATE: 1999-10-05
DR APPLICATION NUMBER: PCT/US99/28214
DR FILING DATE: 1999-11-29
DR APPLICATION NUMBER: PCT/US99/28313
DR FILING DATE: 1999-11-30
DR FILING DATE: 1999-11-30
DR APPLICATION NUMBER: PCT/US99/28564
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APPLICATION NUMBER: PCT/US99/28565
FILING DATE: 1999-12-02
APPLICATION NUMBER: PCT/US99/30095
FILING DATE: 1999-12-16
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FILING DATE: 1999-12-20
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Botstein, David
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Grimaldi, Christopher
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Gerritsen, Mary E.
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                                                                      Tumas, Daniel
                                                                                      Stewart,
                                                                                                                  Paoni,
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Mather, Jennie P.
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5. US20030027146A1
                                                                              , Margaret Ann
wart, Timothy A.
10466-14
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100.0%; Pr
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Best Local Similarity
Matches 17; Conserv
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APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
                                                                                                                                                                                                                                                                                                                           Sequence 126, Application US/09904859 Publication No. US20030036060A1
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SEQ ID NO 126
                                                     APPLICANT:
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CURRENT FILING DATE: 2002-01-22
PRIOR APPLICATION NUMBER: PCT/US00/04414
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PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
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PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
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PRIOR APPLICATION NUMBER: PCT/US99/20944
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PRIOR APPLICATION NUMBER: PCT/US99/20594
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PRIOR FILING DATE: 2000-02-22
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                                   APPLICANT:
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FILING DATE: 1999-12-02
APPLICATION NUMBER: PCT/US99/28565
FILING DATE: 1999-12-02
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APPLICATION NUMBER: PCT/US99/30911
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Gao, Wei-Qiang
Godowski, Paul J.
Grimaldi, Christopher J.
Gurney, Austin L.
Hillan, Kenneth, J.
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Botstein, David
                                                                         Goddard, A.
                                                                                           Gerritsen, Mary
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Pred. No.
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RESULT 47
US-09-909-204-126
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PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR FILING DATE: 1999-07-28
PRIOR PILING DATE: 1999-07-28
PRIOR PILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-01
PRIOR FILING DATE: 1999-09-01
PRIOR FILING DATE: 1999-09-01
Sequence 126, Application US/09909204
Publication No. US20030036081A1
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
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Best Local Similarity
Matches 17; Conserv
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SEQ ID NO 126
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PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
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APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
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APPLICATION NUMBER: PCT/US99/30911
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APPLICATION NUMBER: PCT/US99/30095
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APPLICATION NUMBER: PCT/US99/28564
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APPLICATION NUMBER: PCT/US99/28313
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Mather, Jennie P.
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Timothy A.
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100.0%; Pred. No.
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; ORGANISM: Homo US-09-909-204-126
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SEQ ID NO 126
                                                               Query Match
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PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR TILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
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PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
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PRIOR APPLICATION NUMBER: PCT/US99/23089
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                                                                                                                                                                                             TYPE: DNA
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Local Similarity 100.0%; In the second second in the second secon
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APPLICATION NUMBER: PCT/US99/28313
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Gao, Wei-Qiang
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Mather, Jennie
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Hillan, Kenneth, J.
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Grimaldi, Christopher
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Gerritsen, Mary E
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art, Timothy A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER: PCT/US99/28564: 1999-12-02
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ff, Ellen
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32.1%; Score 17; DB
100.0%; Pred. No. 27,
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CURRENT FILING DATE: 2001-07-13
PRIOR APPLICATION NUMBER: 09/665,350
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US/00/143,048
PRIOR APPLICATION NUMBER: US/07-07-07
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Publication No
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APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
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FILING DATE: 1999-09-08
APPLICATION NUMBER: PCT/US99/20944
                                                                                                                                                       APPLICATION NUMBER: PCT/US99/28214
FILING DATE: 1999-11-29
APPLICATION NUMBER: PCT/US99/28313
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FILING DATE: 1999-09-15
APPLICATION NUMBER: PCT/US99/23089
                                                                                                                                                                                                                                                                                                                 FILING DATE: 1999-09-13
APPLICATION NUMBER: PCT/US99/21090
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APPLICATION NUMBER: PCT/US99/30095
FILING DATE: 1999-12-16
APPLICATION NUMBER: PCT/US99/30911
                                                                                               APPLICATION NUMBER: PCT/US99/28564
FILING DATE: 1999-12-02
                                                          FILING DATE: 1999-12-02
                                                                              APPLICATION NUMBER: PCT/US99/28565
                                                                                                                                                                                                                    FILING DATE: 1999-10-05
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Hillan, Kenneth, J.
Kljavin, Ivar J.
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Botstein, David
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Filvaroff, Ellen
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D. US20030036094A1
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Query Match
Best Local Similarity
Thes 17; Conserve
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                                                                                                                   ; TYPE: DNA; Homo Sapien US-09-904-786-126
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PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 126
LENGTH: 1210
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SEQ ID NO 126
LENGTH: 1210
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Publication No. US20030039969A1
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                                                           Matches
                                                                                       Query Match
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APPLICANT: Williams, P. Mickey
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, Williams, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/904,786
CURRENT FILING DATE: 2001-07-12
PRIOR APPLICATION NUMBER: 09/665,350
PRIOR FILING DATE: 2000-09-18
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                           31 AGCGATGAGGAGGAGTG 47
                                                         l Similarity
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cao, Wei-Qiang
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Stewart, Timothy A.
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Mather, Jennie P.
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Hillan, Kenneth, J.
Kljavin, Ivar J.
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Grimaldi, Christopher J.
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Filvaroff, Ellen
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US-09-906-646-126

Sequence 126, A Publication No.

Application US/09906646 o. US20030039971A1

ENERAL INFORMATION:

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NUMBER OF SEQ ID NOS: 423
SEQ ID NO 126
LENGTH: 1210
TYPE: DNA
ORGANISM: Homo sapiens
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APPLICANT: Tunnas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
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                                                                      PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
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FILING DATE: 1999-11-29
APPLICATION NUMBER: PCT/US99/28313
FILING DATE: 1999-11-30
                                                                                                                              APPLICATION NUMBER: PCT/US99/30095
FILING DATE: 1999-12-16
APPLICATION NUMBER: PCT/US99/30911
FILING DATE: 1999-12-20
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APPLICATION NUMBER: PCT/US99/28565
FILING DATE: 1999-12-02
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APPLICATION NUMBER: PCT/US99/28564
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밁 Ś US-09-906-646-126 Matches Query Match Best Local ( Local 282 AGCGATGAGGAGGAGTG 298 31 AGCGATGAGGAGGAGTG 47 1 Similarity
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APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

TITLE OF INVENTION: ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C128

CURRENT APPLICATION NUMBER: US/10/131,826A

CURRENT APPLICATION NUMBER: G0/049911

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PRIOR FILING DATE: 1997-06-18

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PRIOR FILING DATE: 1997-09-17

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PRIOR APPLICATION NUMBER: 60/059113

PRIOR APPLICATION NUMBER: 60/059115

PRIOR APPLICATION NUMBER: 60/059117

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PRIOR APPLICATION NUMBER: 60/059117
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US-10-131-826A-311
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FILING DATE: 1997-09-17
APPLICATION WIMBER: 60/059122
FILING DATE: 1997-09-17
APPLICATION NUMBER: 60/059184
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Goddard, Audrey
                                                                                                                                                                                                                                                                                                                                                                                             DeForge, Laura
Desnoyers, Luc
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                                                                                                                                                                                                                                                                     Tumas, Daniel
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Gurney, Austin L.
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US-11-117-187-199

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US-11-121-086-11

US-11-121-086-12

US-11-121-086-12

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US-11-121-086-23

US-11-121-086-23

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US-11-121-086-27

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US-11-121-086-5

US-11-121-086-65

US-11-121-086-65

US-11-121-086-65

US-11-121-086-65

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US-11-121-086-71

US-10-95-561-13304

US-11-121-086-3

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GENERAL INFORMATION:

APPLICANT: Veiby, Petter Ole

TITLE OF INVENTION: COMPOSITIONS, KITS, AND METHODS FOR

TITLE OF INVENTION: DENTIFICATION, ASSESSMENT, PREVENTION, AND

TITLE OF INVENTION: AND OVARIAN CANCER

FILE REFERENCE: MRI-039

CURRENT APPLICATION NUMBER: US/11/080,991

CURRENT FILING DATE: 2005-03-11

PRIOR APPLICATION NUMBER: US/10/176,847

PRIOR APPLICATION NUMBER: US/10/176,847

PRIOR APPLICATION NUMBER: US/10/176,847

PRIOR FILING DATE: 2002-06-21

NUMBER OF SEG ID NOS: 112

SOFTWARE: FastSEQ for Windows Version 4.0

SEG ID NO 33

LEVERN 115
RESULT 3
US-10-467-657-4507/c
US-10-467-657-4507/c
; Sequence 4507, Application US/10467657
; Publication No. US20050260581A1
; GENERAL INFORMATION:
; APPLICANT: CHIRON SpA
; APPLICANT: FONTANA Maria Rita
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; Remaining Prior Application data removed - See
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 311
; LENGTH: 1210
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-131-826A-311
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PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-19
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Best Local (
                                                                                                                                                                                                                                                                                                                    NAME/KEY: misc_feature
LOCATION: 1366, 1367, 1368, 1
OTHER INFORMATION: n = A,T,C
                                                                                                                                                                                                                                                                                                                                                                        NAME/KEY: misc_feature

LOCATION: 1327, 1328, 1329, 1330, 1331,

LOCATION: 1337, 1338, 1339, 1340, 1341,

LOCATION: 1347, 1348, 1349, 1350, 1351,

LOCATION: 1357, 1358, 1359, 1360, 1361,

OTHER INFORMATION: n = A,T,C or G

FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA ORGANISM: Homo sapiens FEATURE:
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Query Match
Best Local Similarity
Matches 16; Conserve
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TYPE: DNA
; ORGANISM: Neisseria gonorrhoeae
US-10-467-657-4507
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; ORGANISM: Neisseria gonorrhoeae
US-10-467-657-8511
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APPLICANT: CHIRON SpA
APPLICANT: FONTANA Maria Rita
APPLICANT: PIZZA Mariagrazia
APPLICANT: MASIGNANI Vega
APPLICANT: MASIGNANI Vega
APPLICANT: MONACI Bliasbetta
TITLE OF INVENTION: GONOCOCCAL PROTEINS AND NUCLEIC ACIDS
                                                                                                                                                                          Sequence 945697, Application US/11101244
Publication No. US20050246794A1
GENERAL INFORMATION:
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Publication No. US20050260581A1
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Best Local Similarity
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SEQ ID NO 4507
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/10/467,657
CURRENT FILING DATE: 2003-08-11
PRIOR APPLICATION NUMBER: GB-0103424.8
PRIOR FILING DATE: 2001-02-12
NUMBER OF SEQ ID NOS: 9218
SOFTWARE: SegWin99, version 1.04
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CURRENT FILING DATE: 2003-08-11
PRIOR APPLICATION NUMBER: GB-0103424.8
PRIOR FILING DATE: 2001-02-12
NUMBER OF SEQ ID NOS: 9218
                                 APPLICANT: Dharmacon, Inc.
APPLICANT: Khvorova, Anastasia
APPLICANT: Reynolds, Angela
APPLICANT: Leake, Devin
APPLICANT: Marshall, William
APPLICANT: Marshall, William
APPLICANT: Scaringe, Stephen
TITLE OF INVENTION: Functional and Hyperfunctional sirna
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APPLICANT: MASIGNANI Vega
APPLICANT: MONACI Elisabetta
TITLE OF INVENTION: GONOCOCCAL PROTEINS AND NUCLEIC ACIDS
FILE REFERENCE:
FILE REFERENCE: 13499US
CURRENT APPLICATION NUMBER: US/11/101,244
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100.0%; Pred. No.
tive 0; Mismatc
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12;
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Sequence 2, Application US/10914165
Publication No. US20050244840A9
GENERAL INFORMATION:
APPLICANT: JACKSON, MARY
APPLICANT: GICQUEL, BRIGITE
TITLE OF INVENTION: METHOD OF SCREENING ANTI-MYCOBACTERIAL MOLECULES
FILE REFERENCE: 03495.0182-01
CURRENT APPLICATION NUMBER: US/10/914,165
CURRENT FILING DATE: 2004-08-10
PRIOR APPLICATION NUMBER: US/10/383,675
PRIOR FILING DATE: 2003-03-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: 60/426,137
PRIOR FILING DATE: 2002-11-14
NUMBER OF SEQ ID NOS: 1591911
SOFTWARE: Proprietary
SEQ ID NO 945697
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Best Local Similarity 86.7%;
Matches 13; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
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SEQ ID NO 945697
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PRIOR APPLICATION NUMBER: 60/502,050
PRIOR FILING DATE: 2003-09-10
PRIOR APPLICATION NUMBER: 60/426,137
PRIOR FILING DATE: 2002-11-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/11/083,784
CURRENT FILING DATE: 2005-03-18
PRIOR APPLICATION NUMBER: US/10/714,333
PRIOR FILING DATE: 2003-11-14
PRIOR APPLICATION NUMBER: 60/502,050
PRIOR FILING DATE: 2003-09-10
PRIOR FILING DATE: 2003-09-10
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APPLICANT: Khvorova, Anasta
APPLICANT: Reynolds, Angela
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APPLICANT: Scaringe, Stephen
TITLE OF INVENTION: Functional and Hyperfunctional sirNA
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Pred. No.
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Pred. No.
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                                                                                                 RESULT 9
US-10-802-796-266/c
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PRIOR FILING DATE: 1999-10-28
PRIOR PELIVATION NUMBER: 60/113,375
PRIOR FILING DATE: 1998-11-04
PRIOR APPLICATION NUMBER: 60/111,813
PRIOR FILING DATE: 1998-12-11
PRIOR FILING DATE: 1998-12-11
PRIOR FILING DATE: 1998-10-28
NUMBER OF SEQ ID NOS: 49
SOFTWARE: Patentin Ver: 2.1
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LENGTH: 33
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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Matches
                                       Sequence 266, Application US/10802796 Publication No. US20050250104A1 GENERAL INFORMATION:
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SOFTWARE: Patentin Ver. 2.2
SEQ ID NO 526
LENGTH: 173
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Publication No.
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Best Local S
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APPLICANT: GORDON, STEPHEN
APPLICANT: BILLAULT, ALAIN
APPLICANT: BILLAULT, ALAIN
TITLE OF INVENTION: A METHOD FOR ISOLATING A POLYNUCLEOTIDE OF INTEREST
TITLE OF INVENTION: FROM THE GENOME OF A MYCOBACTERIUM USING A BAC-BASE
TITLE OF INVENTION: MYCOBACTERIA.
FILE OF INVENTION: MYCOBACTERIA.
FILE REFERENCE: 05394.0011-00000
CURRENT FILING DATE: 05394.0012-03-03-18
PRIOR APPLICATION NUMBER: US/09/673,476
PRIOR FILING DATE: 2002-03-29
PRIOR FILING DATE: 2002-03-29
APPLICANT: COLE, STEWART APPLICANT: BUCHRIESER-BROSCH, ROLAND
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: PCT/IB99/00740 PRIOR FILING DATE: 1999-04-16 PRIOR APPLICATION NUMBER: 09/060,756 PRIOR FILING DATE: 1998-04-16
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                                                                                                                                                                                                                                                                                  Local
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Similarity 100.0%; Pred. No.
15; Conservative 0; Mismatc
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100.0%; Pred. No.
tive 0; Mismatc
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59;
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49;
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APPLICANT: GORDON, STEPHEN
APPLICANT: BILLAULT, ALAIN
TITLE OF INVENTION: A METHOD FOR ISOLATING A POLYNUCLECTIDE OF INTEREST
TITLE OF INVENTION: FROM THE GENOME OF A MYCOBACTERIUM USING A BAC-BASED
TITLE OF INVENTION: FROM THE GENOME OF A MYCOBACTERIUM USING A BAC-BASED
TITLE OF INVENTION: MYCOBACTERIA.
FILE OF INVENTION: MYCOBACTERIA.
FILE REFERENCE: 05394.0011-00000
CURRENT FILING DATE: 2004-03-18
PRIOR APPLICATION NUMBER: US/09/673,476
PRIOR APPLICATION NUMBER: US/09/673,476
PRIOR APPLICATION NUMBER: US/09/673,476
PRIOR APPLICATION NUMBER: PCT/IB99/00740
PRIOR FILING DATE: 1999-04-16
PRIOR APPLICATION NUMBER: 09/060,756
PRIOR APPLICATION NUMBER: 09/060,756
PRIOR APPLICATION NUMBER: 09/060,756
PRIOR FILING DATE: 1998-04-16
NUMBER OF SEQ ID NOS: 743
SOFTWARE: PRESENTIN Ver. 2.2
SEQ ID NO 597
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US-10-802-796-597/c
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; TYPE: DNA
; ORGANISM: Mycobacterium tuberculosis
US-10-802-796-597
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; GENERAL INFORMATION:
; APPLICANT: COLE, STE
; APPLICANT: BUCHRIES
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PRIOR FILING DATE: 1998-04-16
NUMBER OF SEQ ID NOS: 743
SOFTWARE: Patentin Ver. 2.2
SEQ ID NO 266
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TITLE OF INVENTION: A METHOD FOR ISOLATING A POLYNUCLECTIDE OF INTEREST
TITLE OF INVENTION: FROM THE GENOME OF A MYCOBACTERIUM USING A BAC-BASED
TITLE OF INVENTION: DNA LIBRARY APPLICATION TO THE DETECTION OF
TITLE OF INVENTION: MYCOBACTERIA.
FILE REFERENCE: 05394.0011-00000
CURRENT APPLICATION NUMBER: US/10/802,796
CURRENT FILING DATE: 2004-03-18
PRIOR APPLICATION NUMBER: US/09/673,476
PRIOR PELICATION NUMBER: US/09/673,476
PRIOR PELICATION NUMBER: ECT/1B99/00740
PRIOR FILING DATE: 2002-03-29
PRIOR FILING DATE: 12092-04-16
PRIOR FILING DATE: 12092-04-16
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ORGANISM: Mycobacterium tuberculosis
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                                                                   Local Similarity
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31 AGCGATGAGGAGGAG 45
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100.0%; Pr
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                                                                   Score 15;
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Pred. No.
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APPLICANT: SILLAUIT, ALAIN
APPLICANT: SILLAUIT, ALAIN
TITLE OF INVENTION: A METHOD FOR ISOLATING A POLYNUCLECTIDE OF INTEREST
TITLE OF INVENTION: FROM THE GENOME OF A MYCOBACTERIUM USING A BAC-BASED
TITLE OF INVENTION: MYCOBACTERIA.
TITLE OF INVENTION: MYCOBACTERIA.
FILE OF INVENTION: MYCOBACTERIA.
FILE REFERENCE: 05394.0011-00000
CUURRENT APPLICATION UNUMBER: US/10/802,796
CUURRENT FILING DATE: 2004-03-18
PRIOR APPLICATION NUMBER: US/09/673,476
PRIOR FILING DATE: 2002-03-29
PRIOR APPLICATION NUMBER: US/09/673,476
PRIOR FILING DATE: 1999-04-16
PRIOR FILING DATE: 1999-04-16
PRIOR FILING DATE: 1999-04-16
PRIOR FILING DATE: 1998-04-16
PRIOR FILING DATE: 1998-04-16
                                                                   ; TYPE: DNA
; ORGANISM: Mycobacterium tuberculosis
US-10-802-796-635
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SOFTWARE: PatentIn Ver. 2.2
SEQ ID NO 586
LENGTH: 241
                                                                                                                                    SOFTWARE: PatentIn Ver. 2.2
SEQ ID NO 635
LENGTH: 376
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Publication No. US20
GENERAL INFORMATION:
Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                            APPLICANT: GORDON, STEPHEN

APPLICANT: BILLAULT, ALAIN

ITITLE OF INVENTION: A METHOD FOR ISOLATING A POLYNUCLEOTIDE OF INTEREST

TITLE OF INVENTION: FROM THE GENOME OF A MYCOBACTERIUM USING A BAC-BASED

TITLE OF INVENTION: DNA LIBRARY. APPLICATION TO THE DETECTION OF

TITLE OF INVENTION: MYCOBACTERIA.

FILE REFERENCE: 05394,0011-00000

CURRENT APPLICATION NUMBER: US/10/802,796

CURRENT FILING DATE: 2004-03-18
                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: PCT/IB99/00740
PRIOR FILING DATE: 1999-04-16
PRIOR APPLICATION NUMBER: 09/060,756
PRIOR FILING DATE: 1998-04-16
NUMBER OF SEQ ID NOS: 743
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: COLE, STEWART
APPLICANT: BUCHRIESER-BROSCH, ROLAND
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PRIOR FILING DATE: 2002-03-29
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100.0%; Pr
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  Score 15;
Pred. No.
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PRIOR APPLICATION NUMBER: 09/060,756
PRIOR FILING DATE: 1998-04-16
NUMBER OF SEQ ID NOS: 743
SOFTWARE: PatentIn Ver. 2.2
SEQ ID NO 521
LENGTH: 406
TENGTH: 406
TYPE: DNA
ORGANISM: Mycobacterium tuberculosis
US-10-802-796-521
                                                               APPLICANT: COLE, STEWART
APPLICANT: BUCHRIESER-BROSCH, ROLAND
APPLICANT: BUCHRIESER-BROSCH, ROLAND
APPLICANT: BILLAULT, ALAIN
APPLICANT: BILLAULT, ALAIN
APPLICANT: BILLAULT, ALAIN
TITLE OF INVENTION: A METHOD FOR ISOLATING A POLYNUCLECTIDE OF INTEREST
TITLE OF INVENTION: PROM THE GENOME OF A MYCOBACTERIUM USING A BAC-BASED
TITLE OF INVENTION: MYCOBACTERIA.
TITLE OF INVENTION: MYCOBACTERIA.
FILE REFERENCE: 05394.0011-00000
CURRENT APPLICATION NUMBER: US/10/802,796
CURRENT FILING DATE: 2004-03-18
FRIOR APPLICATION NUMBER: US/09/673,476
PRIOR FILING DATE: 1090-04-16
PRIOR APPLICATION NUMBER: PCT/IB99/00740
PRIOR APPLICATION NUMBER: DO9/060,756
PRIOR APPLICATION NUMBER: D99/060,756
PRIOR APPLICATION NUMBER: D99/060,756
PRIOR FILING DATE: 1998-04-16
PRIOR FILING DATE: 1998-04-16
PRIOR FILING DATE: 1998-04-16
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APPLICANT: BUCHRIESER-BOSCH, ROLAND
APPLICANT: BUCHRIESER-BHEN
APPLICANT: BILLAULT, ALAIN
TITLE OF INVENTION: A METHOD FOR ISOLATING A POLYNUCLEOTIDE OF INTEREST
TITLE OF INVENTION: FROM THE GENOME OF A MYCOBACTERIUM USING A BAC-BASED
TITLE OF INVENTION: MYCOBACTERIA.
TITLE OF INVENTION: MYCOBACTERIA.
FILE REFERENCE: 05394.0011-00000
CURRENT APPLICATION NUMBER: US/10/802,796
CURRENT PILING DATE: 2004-03-18
PRIOR APPLICATION NUMBER: US/96/63,476
PRIOR APPLICATION NUMBER: PCT/IB99/00740
PRIOR APPLICATION NUMBER: PCT/IB99/00740
PRIOR APPLICATION NUMBER: PCT/IB99/00740
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SOFTWARE: PatentIn Ver.
SEQ ID NO 60
LENGTH: 448
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Publication No. US20050250104A1
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                                                                                                                                                                                                                                                                                                                                                                                  ; ORGANISM: Neisseria gonorrhoeae US-10-467-657-6779
                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: GB-0103424.8
PRIOR FILING DATE: 2001-02-12
NUMBER OF SEQ ID NOS: 9218
SOFTWARE: SeqWin99, Version 1.04
SEQ ID NO 6779
                                                                                                                     Sequence 36, Application US/10914165 Publication No. US20050244840A9 GENERAL INFORMATION:
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Publication No. US20050260581A1
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APPLICANT: JACKSON, MARY
APPLICANT: GICQUEL, BRIGITTE
TITLE OF INVENTION: METHOD OF SCREENING ANTI-MYCOBACTERIAL MOLECULES
FILE REFERENCE: 03495.0182-01
CURRENT APPLICATION NUMBER: US/10/914,165
CURRENT FILING DATE: 2004-08-10
PRIOR APPLICATION NUMBER: US/10/383,675
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CURRENT FILING DATE: 2003-08-11
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APPLICANT: FONTANA Maria Rita
APPLICANT: PIZZA Mariagrazia
APPLICANT: MASIGNANI Vega
APPLICANT: MONACI Elisabetta
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OTHER INFORMATION: a, t,
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                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
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OTHER INFORMATION: a, t,
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100.0%; Pred. No.
tive 0; Mismatc
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CURRENT APPLICATION NUMBER: US/10/750,185
; CURRENT FILING DATE: 2003-12-31
; PRIOR APPLICATION NUMBER: US 60/437,482
; PRIOR FILING DATE: 2002-12-31
; NUMBER OF SEQ ID NOS: 64922
; SOFTWARE: PACENTIN VERSION 3.1
; SEQ ID NO 36768
; LENGTH: 1877
; TYPE: DNA
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RESULT 18
US-10-750-623-36768/c
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Publication No. US20050260603A1
GENERAL INFORMATION:
APPLICANT: MMI GENOMICS, INC.
APPLICANT: DeNISE, Sue K.
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SEQ ID NO 36
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TITLE OF INVENTION: COMPOSITIONS FOR INFERRING BOVINE TRAITS
FILE REFERENCE: MMI1100-2
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PRIOR APPLICATION NUMBER: 60/111,813
PRIOR FILING DATE: 1998-12-11
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PRIOR FILING DATE: 1999-10-28
PRIOR APPLICATION NUMBER: 60/113,375
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LOCATION: (549)..(1562)
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                                                                                                                             Conservative
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Sequence 36768, Application US/10750623
Publication No. US20050287531A1
GENERAL INFORMATION:
APPLICANT: MMI GENOMICS, INC.
APPLICANT: DENISE, Sue K.
APPLICANT: KERR, Richard
APPLICANT: ROSENFELD, David

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US-11-101-244-945687; Sequence 945687, Application US/11101244; Publication No. US20050246794A1
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US-11-101-244-728214
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                                                                                                                                                                             RESULT 20
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CURRENT APPLICATION NUMBER: US/11/101,244
CURRENT FILING DATE: 2005-04-07
PRIOR APPLICATION NUMBER: 60/502,050
PRIOR FILING DATE: 2003-09-10
PRIOR PRICING DATE: 2003-09-10
PRIOR FILING DATE: 2003-11-14
NUMBER OF SEQ ID NOS: 1591911
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                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: Proprietary
SEQ ID NO 728214
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS: 64922
SOFTWARE: PatentIN version 3.1
SEQ ID NO 36768
                                                                                                     GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                   Query Match
Best Local 9
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Best Local Similarity
                APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Dharmacon, Inc.
APPLICANT: Khvorova, Anastasia
APPLICANT: Reynolds, Angela
APPLICANT: Leake, Devin
APPLICANT: Marshall, William
APPLICANT: Scaringe, Stephen
TITLE OF INVENTION: Functional and Hyperfunctional sirna
                                              APPLICANT: Dharmacon, Inc.
APPLICANT: Khvorova, Anastas
APPLICANT: Reynolds, Angela
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CURRENT APPLICATION NUMBER: US/10/750,623
CURRENT FILING DATE: 2003-12-31
PRIOR APPLICATION NUMBER: US 60/437,482
PRIOR FILING DATE: 2002-12-31
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   APPLICANT
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TITLE OF INVENTION: METHODS AND SYSTEMS FOR INFERRING BOVINE TRAITS
                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: RNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
ORGANISM: Bovine
                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 19
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Scaringe, Stephen
                Leake, Devin
Marshall, William
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                                                                    Anastasia
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100.0%; Pred. No.
tive 0; Mismatc
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Pred. No. 2.1e+02;
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38;
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CURRENT APPLICATION NUMBER: US/11/101,244
CURRENT FILING DATE: 2005-04-07
PRIOR APPLICATION NUMBER: 60/502,050
PRIOR FILING DATE: 2003-09-10
PRIOR PILING DATE: 2003-11-14
PRIOR FILING DATE: 2002-11-14
NUMBER OF SEQ ID NOS: 1591911
SOFTWARE: Proprietary
SEG ID NO 945687
LENGTH: 19
TYPE: RNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Khvorova, Anastasia
APPLICANT: Reynolds, Angela
APPLICANT: Leake, Devin
APPLICANT: Marshall, William
APPLICANT: Scaringe, Stephen
TITLE OF INVENTION: Functional and Hyperfunctional sirNA
FILE REFERENCE: 13499US
CURRENT APPLICATION NUMBER: US/11/101,244
CURRENT APPLICATION NUMBER: 00/502,050
PRIOR APPLICATION NUMBER: 60/502,050
PRIOR APPLICATION NUMBER: 60/502,050
PRIOR APPLICATION NUMBER: 60/426,137
PRIOR FILLING DATE: 2003-09-10
PRIOR APPLICATION NUMBER: 60/426,137
PRIOR FILLING DATE: 2002-11-14
NUMBER OF SEQ ID NOS: 1591911
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US-11-101-244-945687
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                                                                                                                                                  Sequence 728214, Application US/11083784 Publication No. US20050245475A1 GENERAL INFORMATION:
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SEQ ID NO 1317804
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                                                     APPLICANT: Dharmacon, Inc.
APPLICANT: Khvorova, Anastasia
APPLICANT: Keynolds, Angela
APPLICANT: Leake, Devin
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APPLICANT: Khvorova,
APPLICANT: Reynolds,
APPLICANT: Leake, Dev
APPLICANT: Marshall, William
APPLICANT: Scaringe, Stephen
TITLE OF INVENTION: Functional and Hyperfunctional sirNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 19
TYPE: RNA
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12; Conserv
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12; Conserv
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Pred. No. 2.1e+02;
2; Mismatches 0
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Pred. No. 2.1e+02;
2; Mismatches C
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REFERENCE: 13499US

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CURRENT APPLICATION NUMBER: US/11/083,784
CURRENT FILING DATE: 2005-03-18
PRIOR APPLICATION NUMBER: US/10/714,333
PRIOR FILING DATE: 2003-11-14
PRIOR APPLICATION NUMBER: 60/502,050
PRIOR FILING DATE: 2003-09
PRIOR APPLICATION NUMBER: 60/426,137
PRIOR APPLICATION NUMBER: 60/426,137
PRIOR FILING DATE: 2002-11-14
NUMBER OF SEQ ID NOS: 1591911
SOPTWARE: Proprietary
SEQ ID NO 728214
LENGTH: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/11/083,784
CURRENT FILING DATE: 2005-03-18
PRIOR APPLICATION NUMBER: US/10/714,333
PRIOR FILING DATE: 2003-11-14
PRIOR APPLICATION NUMBER: 60/502,050
PRIOR FILING DATE: 2003-09-10
PRIOR APPLICATION NUMBER: 60/426,137
PRIOR APPLICATION NUMBER: 60/426,137
PRIOR PILING DATE: 2002-11-14
NUMBER OF SEQ ID NOS: 1591911
SOFTWARE: Proprietary
SOFTWARE: Proprietary
SOFTWARE: PROPIETARY
SOFTWARE: PROPIETARY
SOFTWARE: PROPIETARY
SOFTWARE: PROPIETARY
SOFTWARE: PROPIETARY
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US-11-083-784-1317804
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US-11-083-784-945687
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APPLICANT: Khvorova, Anast
APPLICANT: Reynolds, Angel
APPLICANT: Leake, Devin
APPLICANT: Marshall, Willi
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                                                                              GENERAL INFORMATION:
                                                                                                  Sequence 1317804, Application US/11083784 Publication No. US20050245475A1
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APPLICANT:
APPLICANT:
APPLICANT:
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APPLICANT: Reynolds, Angela
APPLICANT: Leake, Devin
APPLICANT: Marshall, William
APPLICANT: Scaringe, Stephen
TITLE OF INVENTION: Functional and Hyperfunctional sirNA
FILE REFERENCE: 13499US
                                                         APPLICANT: Dharmacon,
                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 19
TYPE: RNA
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13; Conserv
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Khvorova, Anastasia
Reynolds, Angela
Leake, Devin
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85.7%;
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Pred. No.
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Pred. No. 2.1e+02;
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PRIOR APPLICATION NUMBER: US/10/714,333
PRIOR FILING DATE: 2003-11-14
PRIOR APPLICATION NUMBER: 60/502,050
PRIOR FILING DATE: 2003-09-10
PRIOR APPLICATION NUMBER: 60/426,137
PRIOR FILING DATE: 2002-11-14
NUMBER OF SEQ ID NOS: 1591911
SOFTWARE: Proprietary
SEQ ID NO 1317804
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-10-310-914A-813859/c;
Sequence 813859, Application US/10310914A;
Publication No. US20060003322A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; ORGANISM: Human
US-10-310-914A-813859
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US-10-310-914A-813864/c
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APPLICANT: Shiler, Kvuzat
TITLE OF INVENTION: Bioinformatically detectable group of novel regulatory genes and
TITLE OF INVENTION: uses thereof
FILE REFERENCE: 06087,0200.CFUS01
CURRENT APPLICATION NUMBER: US/10/310,914A
CURRENT FILING DATE: 2002-12-06
NUMBER OF SEQ ID NOS: 1388402
SOFTWARE: Patentin version 3.3
SEQ ID NO 813859
LENGTH: 22
                                                                                                                                                                                       Sequence 813864, Application US/10310914A Publication No. US20060003322A1 GENERAL INFORMATION:
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NUMBER OF SEQ ID NOS: 1388402
SOFTWARE: PatentIn version 3.3
SEQ ID NO 813864
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                                                   APPLICANT: Bentwich, Isaac
APPLICANT: Shiler, Kvuzat
TITLE OF INVENTION: Bioinformatically detectable
TITLE OF INVENTION: uses thereof
FILE REFERENCE: 06087.0200.CPUS01
CURRENT APPLICATION NUMBER: US/10/310,914A
CURRENT FILING DATE: 2002-12-06
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APPLICANT: Scaringe, Stephen
TITLE OF INVENTION: Functional and Hyperfunctional siRNA
FILE REFERENCE: 13499US
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CURRENT FILING DATE: 2005-03-18
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TYPE: RNA
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14; Conserv
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Pred. No. 2.1e.
2; Mismatches
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; Pred. No. 2.1e+02;
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RESULT 28
US-10-995-561-9588
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US-10-995-561-9566
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                                                             Query Match
Best Local S
Matches 14
                                                                                                                                                 CURRENT APPLICATION NUMBER: US/10/995,561
CURRENT FILING DATE: 2004-11-24
NUMBER OF SEQ ID NOS: 85702
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 9588
LENGTH: 201
TYPE: DNA
                                                                                                                                                                                                                                                              Sequence 9588, Application US/10995561

Publication No. US20050272054A1

GENERAL INFORMATION:
APPLICANT: CARGILL, Michele et al.
TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: CARDIOVASCULAR DISORDERS AND DRUG RES
TITLE OF INVENTION: DETECTION AND USES THEREOF
FILE REPERENCE: CL001559
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 9566, Application US/10995561
Publication No. US20050272054A1
GENERAL INFORMATION:
APPLICANT: CARGILL, Michele et al.
TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: CARDICVASCULAR DISORDERS AND DRUG RESPONSE, METHODS OF
TITLE OF INVENTION: DETECTION AND USES THEREOF
FILE REFERENCE: CL001559
CURRENT APPLICATION NUMBER: US/10/995,561
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT FILING DATE: 2004-11-24
NUMBER OF SEQ ID NOS: 85702
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 9566
LENGTH: 201
TYPE: DNA
ORGANISM: Homo sapiens
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Best Local (
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ORGANISM: Human
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 24
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Local Similarity 100.0%; P
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75
                             31 AGCGATGAGGAGGA 44
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AGCGATGAGGAGGA 88
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100.0%; Pr
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                                                           Score 14; DB; Pred. No. 1.6
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Pred. No. 1.6e+02;
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Pred. No.
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5. 1.6e+02;
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RESULT 29

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Sequence 9618, Application US/1099561

Publication No. US20050272054A1

GENERAL INFORMATION:
APPLICANT: CARGILL, Michele et al.
TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: CARDIOVASCULAR DISORDERS AND DRUG RESPONSE, METHODS OF
TITLE OF INVENTION: DETECTION AND USES THEREOF
FILE REFERENCE: CL001559

CURRENT FILING DATE: 2004-11-24

NUMBER OF SEQ ID NOS: 85702

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 9618

LENGTH: 201

TYPE: DNA
COLUMN USA
Sequence 51603, Application US/10995561

Publication No. US20050272054A1

GENERAL INFORMATION:
APPLICANT: CARGILL, Michele et al.
TITLE OF INVENTION: CENETIC FOLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: CENETIC FOLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: DETECTION AND USES THEREOF

FILE REFERENCE: CL001559

CURRENT APPLICATION NUMBER: US/10/995,561

CURRENT FILING DATE: 2004-11-24

NUMBER OF SEQ ID NOS: 85702

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 51603

LENGTH: 201
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US-10-995-561-9648
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Publication No. US20050272054A1
GENERAL INFORMATION:
APPLICANT: CARCILL, Michele et al.
TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: CARDIOVASCULAR DISORDERS AND DRUG RESPONSE, METHODS:
TITLE OF INVENTION: DETECTION AND USES THEREOF
FILE REFERENCE: CL001559
CURRENT APPLICATION NUMBER: US/10/995,561
CURRENT APPLICATION NUMBER: US/10/995,561
CURRENT FILING DATE: 2004-11-24
NUMBER OF SEQ ID NOS: 85702
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 9648
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100.0%; Pred. No. 1.6e+02;
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Pred. No.
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                                                                                                                                                                       DRUG RESPONSE,
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APPLICANT: MMI GENOMICS, INC.
APPLICANT: DENISE, Sue K.
APPLICANT: KERR, Richard
APPLICANT: KERR, Richard
APPLICANT: ROSENFELD, David
APPLICANT: HOLM, Tom
APPLICANT: HOLM, Tom
APPLICANT: BATES, Stephen
APPLICANT: BATES, Stephen
APPLICANT: HOLM, Tom
CAPPLICANT: BATES, Stephen
APPLICANT: BATES, Stephen
APPLICANT: MINITON: COMPOSITIONS FOR INFERRING BOVINE TRAITS
FILE REFERENCE: MMINITON:
CURRENT APPLICATION NUMBER: US/10/750,185
CURRENT FILING DATE: 2003-12-31
FRIOR APPLICATION NUMBER: US 60/437,482
PRIOR APPLICATION NUMBER: US 60/437,482
PRIOR FILING DATE: 2002-12-31
I PRIOR APPLICATION NUMBER: US 60/437,482
PRIOR FILING DATE: 2002-12-31
SOFTWARE: Patentin version 3.1
SOFTWARE: Patentin version 3.1
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; ORGANISM: Homo sapiens
US-10-995-561-51603
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; ORGANISM: Bovine 19866880688147
US-10-750-185-59548
; ORGANISM: Bovine US-10-750-623-59548
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                                                                                  APPLICANT: HOLM, TOM APPLICANT: BATES, Stephen APPLICANT: BATES, Stephen APPLICANT: FANTIN, Dennis
TITLE OF INVENTION: METHODS AND SYSTEMS FOR INFERRING BOVINE TRAITS
FILE REFERENCE: MMILLOO-1
CURRENT APPLICATION NUMBER: US/10/750,623
CURRENT APPLICATION NUMBER: US/10/750,623
CURRENT APPLICATION NUMBER: US 60/437,482
PRIOR APPLICATION NUMBER: US 60/437,482
PRIOR FILING DATE: 2002-12-31
NUMBER OF SEQ ID NOS: 64922
SOFTWARE: PatentIN version 3.1
SEQ ID NO 55548
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 59548, Application US/10750623 Publication No. US20050287531A1
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APPLICANT: DENISE, Sue K.
APPLICANT: KERR, Richard
                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
                                            TYPE: DNA
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                                                                  ENGTH: 674
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                     19866880688147
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; Pred. No. 1.6e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0
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; LENGTH: 1097
; TYPE: DNA
; ORGANISM: Bovine
US-10-750-185-39369
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US-10-467-657-2587
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US-10-750-185-39369/c
                                                                                                                                                           APPLICANT: BATES, Stephen
APPLICANT: PANTIN, Dennis
TITLE OF INVENTION: COMPOSITIONS FOR INFERRING BOVINE TRAITS
FILE REFERENCE: MMI1100-2
CURRENT ELLING DATE: 2003-12-31
PRIOR APPLICATION NUMBER: US 60/437,482
PRIOR FILING DATE: 2002-12-31
PRIOR FILING DATE: 2002-13-31
NUMBER OF SEQ ID NOS: 64922
SOFTWARE: Patentin version 3.1
SEQ ID NO 39369
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Matches
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APPLICANT: CHIRON SPA
APPLICANT: FOUNDAM MATIA RITA
APPLICANT: PIZZA MATIASTATA
APPLICANT: MASIGNANI Vega
APPLICANT: MASIGNANI Vega
APPLICANT: MONACI Elisabetta
                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 39369, Application US/10750185
Publication No. US20050260603A1
GENERAL INFORMATION:
APPLICANT: MMI GENOMICS, INC.
APPLICANT: DENISE, Sue K.
APPLICANT: KERR, Richard
APPLICANT: ROSENFELD, David
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQ ID NOS: 9218
SOFTWARE: SeqWin99, version 1.04
SEQ ID NO 2587
LENGTH: 921
TYPE: DNA
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 2587, Application US/10467657 Publication No. US20050260581A1
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Best Local (
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Query Match 26.4%; Score 14; DB 6; L
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 14; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/10/467,657
CURRENT FILING DATE: 2003-08-11
PRIOR APPLICATION NUMBER: GB-0103424.8
PRIOR FILING DATE: 2001-02-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILE REFERENCE:
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nes 14; Conserv
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                                                                                                      19866881231646
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100.0%; Pred. No. 1.4e+02;
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100.0%; Pred. No. 1.4e+02;
tive 0; Mismatches 0;
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                                         Length 1097;
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RESULT 36
US-10-750-623-39369/c
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SOFTWARE: PatentIn version 3.3
SEQ ID NO 2
LENGTH: 1298
TYPE: DNA
ORGANISM: Mycobacterium tuberculosis
US-11-109-056-2
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US-11-109-056-2/c
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US-10-750-623-39369
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Publication No. US20050260232A1

GENERAL INFORMATION:

APPLICANT: ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIVERSITY

APPLICANT: JACOBS, JR., William R.

APPLICANT: HOOM, Barry

APPLICANT: HONDALUS, Marry K.

APPLICANT: SAMPSON, Samantha

APPLICANT: SAMPSON, 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: PatentIN version 3.1
SEQ ID NO 39369
LENGTH: 1097
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                                                                                                                                Matches
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Best Local S
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APPLICANT: HOLM, Tom
APPLICANT: BATES, Stephen
APPLICANT: FANTIN, Dennis
TITLE OF INVENTION: METHODS AND SYSTEMS FOR INFERRING BOVINE TRAITS
FILE REFERENCE: MAILIOO-1
CURRENT APPLICATION NUMBER: US/10/750,623
CURRENT FILING DATE: 2003-12-31
PRIOR APPLICATION NUMBER: US 60/437,482
PRIOR FILING DATE: 2002-12-31
RUMBER OF SEQ ID NOS: 64922
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILE REFERENCE: 96700/821
CURRENT APPLICATION NUMBER: US/11/109,056
CURRENT FILING DATE: 2005-04-19
PRIOR APPLICATION NUMBER: US 10/351,452
PRIOR FILING DATE: 2003-01-24
PRIOR APPLICATION NUMBER: US 60/358,152
PRIOR APPLICATION NUMBER: US 66/358,152
PRIOR FILING DATE: 2002-02-19
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APPLICANT: DeNISE, Sue K.
APPLICANT: KERR, Richard
APPLICANT: ROSENFELD, David
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
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mes 14; Conserv
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                                                                                                                                14;
2 TGACCTGCGCCGAC 15
                                                                                                                                                                      Similarity
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                                                                                                                                Conservative
                                                                                                                            26.4%; Score 14; DB 7; L
100.0%; Pred. No. 1.3e+02;
tive 0; Mismatches 0;
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100.0%; Pred. No. 1.3
tive 0; Mismatches
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; ORGANISM: Bovine 19866881029115
US-10-750-185-38129
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US-10-750-185-38129
                                                                                                                                                   ; ORGANISM: Bovine US-10-750-623-38129
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CURRENT FILING DATE: 2003-12-31
PRIOR APPLICATION NUMBER: US 60/437,482
PRIOR FILING DATE: 2002-12-31
NUMBER OF SEQ ID NOS: 64922
SOFTWARE: PATENTIN VERSION 3.1
SEQ ID NO 38129
LENGTH: 1363
                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/10/750,623
CURRENT FILING DATE: 2003-12-31
PRIOR APPLICATION NUMBER: US 60/437,482
PRIOR FILING DATE: 2002-12-31
PRIOR FILING DATE: 2002-12-31
NUMBER OF SEQ ID NOS: 64922
SOFTWARE: PATENTIN VERSION 3.1
SEQ ID NO 38129
LENGTH: 1363
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Publication No. US20050260603A1
GENERAL INFORMATION:
APPLICANT: MMI GENOMICS, INC.
APPLICANT: DeNISE, Sue K.
                                                                                           Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 38129, Application US/10750623 Publication No. US20050287531A1
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Best Local Similarity
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APPLICANT: HOLM, Tom
APPLICANT: BATES, Stephen
APPLICANT: FANTIN, Dennis
TITLE OF INVENTION: METHODS AND SYSTEMS FOR INFERRING BOVINE TRAITS
FILE REFERENCE: MMI1100-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: MMI GENOMICS, INC. APPLICANT: DeNISE, Sue K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILE REFERENCE: MMI1100-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: FANTIN, Dennis
TITLE OF INVENTION: COMPOSITIONS FOR INFERRING BOVINE TRAITS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
                                                                                                                                                                                       TYPE: DNA
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                             34 GATGAGGAGGAGTG 47
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ROSENFELD, David
HOLM, Tom
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 DeNISE, Sue K.
KERR, Richard
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     BATES, Stephen
                                                                           Conservative
                                                                                                                                                                   19866881029115
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         100.0%;
                                                                                           26.4%; Score 14; DB 6; 100.0%; Pred. No. 1.3e+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         26.4%; Score 14; 100.0%; Pred. No.
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                                                                           Mismatches
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                                                                                                             Length 1363;
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RESULT 42
US-10-467-657-5451/c
; Sequence 5451, Application US/10467657
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                                                                                                                                                                                                                                      ; LENGTH: 1792
; TYPE: DNA
; ORGANISM: Bovine
US-10-750-623-32438
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-10-750-185-32438
                                                                                                                                                                                                                                                                                   APPLICANT: BATES, Stephen
APPLICANT: PANTIN, Dennis
TITLE OF INVENTION: METHODS AND SYSTEMS FOR INFERRING BOVINE TRAITS
FILE REFERENCE: MMI1100-1
CURRENT PELLICATION NUMBER: US/10/750,623
CURRENT FILING DATE: 2003-12-31
PRIOR APPLICATION NUMBER: US 60/437,482
PRIOR FILING DATE: 2002-12-31
NUMBER OF SEQ ID NOS: 64922
SOFTWARE: PATENTIN VERSION 3.1
SEQ ID NO 32438
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/10/750,185
CURRENT FILING DATE: 2003-12-31
PRIOR APPLICATION NUMBER: US 60/437,482
PRIOR FILING DATE: 2002-12-31
NUMBER OF SEQ ID NOS: 64922
SOFTWARE: PatentIN version 3.1
SEQ ID NO 32438
LENGTH: 1792
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Publication No. US20050260603A1
                                                                                                                                                                      Matches
                                                                                                                                                                                   Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 32438, Application US/10750623
Publication No. US20050287531A1
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APPLICANT: DENISE, Sue K.
APPLICANT: KERR, Richard
APPLICANT: ROSENFELD, David
APPLICANT: HOLM, Tom
APPLICANT: BATES, Stephen
APPLICANT: FANTIN, Dennis
TITLE OF INVENTION: COMPOSITIONS FOR INFERRING BOVINE TRAITS
FILE REFERENCE: MMII100-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: MMI GENOMICS, I
APPLICANT: DENISE, Sue K.
APPLICANT: KERR, Richard
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 10-750-185-32438/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
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                                                                                              1757 TGAGGAGGAGTGGC 1744
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                                                                                                                               36 TGAGGAGGAGTGGC 49
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HOLM, Tom
BATES, Stephen
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100.0%; Pr
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Pred. No.
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CURRENT APPLICATION NUMBER: US/10/467,657
CURRENT FILING DATE: 2003-08-11
PRIOR APPLICATION NUMBER: GB-0103424.8
PRIOR FILING DATE: 2001-02-12
NUMBER OF SEQ ID NOS: 9218
SOFTWARE: SegWin99, version 1.04
SEQ ID NO 7395
LENGTH: 1893
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; TYPE: DNA
; ORGANISM: Neisseria gonorrhoeae
US-10-467-657-5451
                                                                                                                                                                                                                                                                                                                                                                                       ; TYPE: DNA
; ORGANISM: Neisseria gonorrhoeae
US-10-467-657-7395
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APPLICANT: CHIRON SPA
APPLICANT: FONTANA MARÍA RITA
APPLICANT: PIZZA MARÍASTAZÍA
APPLICANT: MASIGNANI Vega
APPLICANT: MONACI Elisabetta
TITLE OF INVENTION: GONOCOCCAL PROTEINS AND NUCLEIC ACIDS
FILE REFERENCE:
GENERAL INFORMATION:
APPLICANT: Veiby, Petter Ole
APPLICANT: Veiby, Petter Ole
TITLE OF INVENTION: COMPOSITIONS, KITS, AND METHODS FOR
TITLE OF INVENTION: IDENTIFICATION, ASSESSMENT, PREVENTION, AND THERAPY OF BREAST
TITLE OF INVENTION: AND OVARIAN CANCER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS: 9218
SOFTWARE: SegWin99, version 1.04
SEQ ID NO 5451
LENGTH: 1893
                                                                                                  Sequence 75, Application US/11080991
Publication No. US20050266437A1
                                                                                                                                                                                                                                                                                                          Matches
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Best Local
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APPLICANT: FONTANA Maria Rita
APPLICANT: PIZZA Mariagrazia
APPLICANT: MASIGNANI Vega
APPLICANT: MONACI Elisabetta
APPLICANT: MONACI Elisabetta
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CURRENT FILING DATE: 2003-08-11
PRIOR APPLICATION NUMBER: GB-0103424.8
PRIOR FILING DATE: 2001-02-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: GONOCOCCAL PROTEINS AND NUCLEIC FILE REFERENCE:
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Conservative 0;
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-623-155-135
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US-10-623-155-135/c
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; ORGANISM: Homo sapiens
US-11-080-991-75
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                                                                                                                                                                                                                                                                                                     Sequence 313, Application US/10821234
Publication No. US20050255114A1
GENERAL INFORMATION:
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PRIOR FILING DATE: 2002-06-21
NUMBER OF SEQ ID NOS: 112
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 75
LENGTH: 2778
                                  NUMBER OF SEQ ID NOS: 1704
SOFTWARE: pt_SEQ_genes Ver:
SEQ ID NO 313
LENGTH: 2861
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Best Local :
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Best Local Similarity
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APPLICANT: Wang, Tongtong
APPLICANT: Peckham, David W.
APPLICANT: Retter, Marc W.
APPLICANT: Fanger, Gary R.
APPLICANT: Fanger, Gary R.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
TITLE OF INVENTION: AND DIAGNOSIS OF LUNG CANCER
                                                                                                        APPLICANT: Andarmani, Susan
APPLICANT: Tang, Y. Tom
TITLE OP INVENTION: Methods for Diagnosis and Treatment of Preeclampsia
FILE REFERENCE: 821A
CURRENT APPLICATION NUMBER: US/10/821,234
CURRENT FILLING DATE: 2004-04-07
PRIOR APPLICATION NUMBER: US 60/462,047
PRIOR APPLICATION NUMBER: US 60/462,047
PRIOR FILING DATE: 2003-04-07
PRIOR FILING DATE: 2003-04-07
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CURRENT FILING DATE: 2005-03-11
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NUMBER OF SEQ ID NOS:
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CURRENT APPLICATION NUMBER: US/10/623,155
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APPLICANT: Stach
ORGANISM: Homo sapiens
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100.0%; Pr
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                                                                            Version 1.0
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Pred. No.
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GENERAL INFORMATION:

APPLICANT: Fischer, Timothy J.

APPLICANT: Malinowski, Douglas P.

APPLICANT: Malinowski, Douglas P.

APPLICANT: Taylor, Adriann J.

APPLICANT: Parker, Margaret R.

ITITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE FILE REFERENCE: 046143/287139

CURRENT APPLICATION NUMBER: US/11/087,227

CURRENT APPLICATION NUMBER: 00/556,495

PRIOR APPLICATION NUMBER: 60/556,495

PRIOR FILING DATE: 2004-03-24

NUMBER OF SEQ ID NOS: 90
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; NAME/KEY: CDS
; LOCATION: (31)..(2709)
US-10-507-275-2
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NUMBER OF SEQ
SOFTWARE: Fast
SEQ ID NO 11
LENGTH: 3453
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SOFTWARE: PatentIn Ver.
SEQ ID NO 2
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Best Local Similarity
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Best Local
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APPLICANT: Tamai, Katsuyuki
APPLICANT: Tamai, Katsuyuki
APPLICANT: Medical and Biological Laboratories Co., Ltd.
APPLICANT: Japan Science and Technology Agency
APPLICANT: Japan Science and Technology Agency
TITLE OF INVENTION: Cdc7-ASK Kinase Complex, Substrates of the Kinase Complex,
TITLE OF INVENTION: Specific Antibodies to the Substrates, and Screening Methods
TITLE OF INVENTION: Using the Same to Screen for Compounds Comprising Cdc7-ASK
TITLE OF INVENTION: Kinase Inhititory Ability
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILE REFERENCE: 082368-001100US
CURRENT APPLICATION NUMBER: US/10/507,275
CURRENT FILING DATE: 2004-09-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: JP 2002-067702
PRIOR FILING DATE: 2002-03-12
PRIOR APPLICATION NUMBER: WO PCT/JP03/02918
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TYPE: DNA
ORGANISM: Homo sapiens
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No. US20050260566A1
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100.0%; Pred. No.
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SEQ ID NO 795
LENGTH: 4184
TYPE DNA
CRGANISM: Cricetulus griseus
PEATURE:
NAME/KEY: misc_feature
LOCATION: (1319)..(1366)
OTHER INFORMATION: n is a, c,
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, NAME/KEY: misc feature
; LOCATION: (4164)..(4184)
; OTHER INFORMATION: n is a,
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Sequence 350, Application US/10995561
publication NO. US20050272054A1
GENERAL INFORMATION:
APPLICANT: CARGILL, Michele et al.
TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: CARGICULAR DISORDERS AND DRUG RESPONSE, METHODS
TITLE OF INVENTION: DETECTION AND USES THEREOF
FILE REFERENCE: CL001559
CURRENT APPLICATION UNBERS: US/10/995,561
CURRENT FILING DATE: 2004-11-24
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Best Local (
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Publication No.
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APPLICANT: Charlebois, Timothy S.
APPLICANT: Hann, Louane E.
APPLICANT: Sinacore, Martin S.
APPLICANT: Sinacore, Martin S.
APPLICANT: Leonard, Mark W.
APPLICANT: Leonard, Mark W.
APPLICANT: Brown, Eugene L.
APPLICANT: Miller, Christopher P.
APPLICANT: Miller, Christopher P.
TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES RELATED TO OLIGONUCLEOTIDE ARRAYS
TITLE OF INVENTION: TO MONITOR GENE EXPRESSION
FILE REFERENCE: 0.1997.0.27701
FILE REFERENCE: 0.1997.0.27701
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/11/128,061
CURRENT FILING DATE: 2005-05-11
PRIOR APPLICATION NUMBER: US 60/570,425
PRIOR FILING DATE: 2004-05-11
NUMBER OF SEQ ID NOS: 7285
SOFTMARE: PatentIn version 3.3
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LOCATION: (1681)..(1702)
OTHER INFORMATION: n is a,
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; NUMBER OF SEQ ID NOS: 85702
; SOFTWARE: FASTSEQ for Windows Version 4.0
; SEQ ID NO 350
; LENGTH: 4473
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-995-561-350

Query Match
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps

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Db 2495 AGCGATGAGGAGGA 2508
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Search completed: January 12, 2006, 03:29:02 Job time : 328 secs

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US-09-252-991A-1135
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CURRENT APPLICATION NUMBER: US/09/712,363
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PRIOR APPLICATION NUMBER: 60/179,531
PRIOR APPLICATION NUMBER: 60/17,844
PRIOR FILING DATE: 1999-01-29
PRIOR PILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: 60/118,206,
PRIOR FILING DATE: 1999-02-01
PRIOR APPLICATION NUMBER: 60/126,593
PRIOR FILING DATE: 1999-03-26
PRIOR APPLICATION NUMBER: 60/134,093
PRIOR APPLICATION NUMBER: 60/134,093
PRIOR APPLICATION NUMBER: 60/134,093
PRIOR APPLICATION NUMBER: 60/134,092
PRIOR APPLICATION NUMBER: 60/134,092
PRIOR APPLICATION NUMBER: 60/15,124
PRIOR PILING DATE: 1999-05-14
PRIOR PILING DATE: 1999-05-14
PRIOR PRIOR APPLICATION NUMBER: 60/165,124
PRIOR PILING DATE: 1999-11-12
PRIOR APPLICATION NUMBER: 60/165,086
                              ; TYPE: DNA
; ORGANISM: Mycobacterium tuberculosis
US-09-712-363-27
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Patent No. 6892139
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APPLICANT: Rotstein, Sergio H.
APPLICANT: Marcotte, Edward M.
TITLE OF INVENTION: DETERMINING THE FUNCTIONS
TITLE OF INVENTION: INTERACTIONS OF PROTEINS
FILE REFERENCE: 07419-032001
                                                                                   NUMBER OF SEQ ID NOS:
SOFTWARE: FastSEQ for
                                                                                                         PRIOR APPLICATION NUMBER: 60/165,086 PRIOR FILING DATE: 1999-11-12
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Pred. No.
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6172, Ap
1363, Ap
16645, A
8012, Ap
3639, Ap
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APPLICANT: FRASER, Claire M.
APPLICANT: VENTER, JOHN C.
APPLICANT: VENTER, JOHN C.
TITLE OF INVENTION: DNA SEQUENCES FOR STRAIN
TITLE OF INVENTION: TUBERCULOSIS
FILE REFERENCE: 24366-2007.00
CURRENT APPLICATION NUMBER: US/09/103,840A
CURRENT FILING DATE: 1998-06-24
NUMBER OF SEQ ID NOS: 2
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 2
                                                                                                                                                                                                                                                                                                                             Sequence 1, Application US/09103840A
Patent No. 6294328
GENERAL INFORMATION:
APPLICANT: FLEISCHMAN, Robert D.
APPLICANT: WHITE, Owen R.
APPLICANT: FRASER, Claire M.
APPLICANT: FRASER, Claire M.
APPLICANT: VENTER, John C.
TITLE OF INVENTION: TUBERCULOSIS
TITLE OF INVENTION: TUBERCULOSIS
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US-09-103-840A-2
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Patent No. 6294328
GENERAL INFORMATION:
APPLICANT: FLEISCHMAN, Robert D.
APPLICANT: WHITE, Owen R.
                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 2
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 1
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Best Local
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CURRENT APPLICATION NUMBER: US/09/103,840A
CURRENT FILING DATE: 1998-06-24
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OTHER INFORMATION: "n" bases at various positions throughout the sequence
OTHER INFORMATION: represent a, t, c or g
                                                                                                                                                       TYPE: DNA ORGANISM: Mycobacterium tuberculosis OTHER INFORMATION: H37Rv
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                                                                                                                                                                                                          LENGTH: 4411529
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GCGCGAGAGCCCGAACTGC 580538
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                                                                                  100.0%; Score 19;
100.0%; Pred. No.
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US-09-934-289A-11
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; NAME/KEY: CDS
; LOCATION: (1)...(126)
US-09-934-289A-27
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Best Local S
Matches 17
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SOPTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 27
LENGTH: 126
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Patent No. 6852837
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                                                                         Query Match
Best Local Similarity
Matches 17; Conserv
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CURRENT APPLICATION NUMBER: US/09/934,289A
CURRENT FILING DATE: 2001-08-21
PRIOR APPLICATION NUMBER: US 09/342,767
PRIOR FILING DATE: 1999-06-29
PRIOR PILING DATE: 1999-09-03
PRIOR FILING DATE: 1998-09-03
NUMBER OF SEO ID NOS: 58
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TITLE OF INVENTION: NOVEL MOLECULES OF THE
TITLE OF INVENTION: HERPESVIRUS-ENTRY-MEDIATOR-RELATED
TITLE OF INVENTION: PROTEIN FAMILY AND USES THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: BUSFIELD, Samantha J.
TITLE OF INVENTION: NOVEL MOLECULES OF THE
TITLE OF INVENTION: HERPESVIRUS-ENTRY-MEDIATOR-RELATED
TITLE OF INVENTION: PROTEIN FAMILY AND USES THEREOF
                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: US 09/342,767
PRIOR FILING DATE: 1999-06-29
PRIOR APPLICATION NUMBER: US 09/146,950
PRIOR FILING DATE: 1998-09-03
                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/09/934,289A CURRENT FILING DATE: 2001-08-21
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TYPE: DNA
ORGANISM: Homo sapiens
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LOCATION: (1)...(126)
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                                                                             Conservative
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Pred. No. 1.5e+02;
0; Mismatches 2
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Pred. No. 1
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L.5e+02;
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; LOCATION: (1)...(126)
US-09-934-289A-53
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US-09-934-289A-53
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Patent No. 6852837
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Busfield, Samantha J.
TITLE OF INVENTION: NOVEL MOLECULES OF THE
TITLE OF INVENTION: HERPESVIRUS-ENTRY-MEDIATOR-RELATED
TITLE OF INVENTION: PROTEIN FAMILY AND USES THEREOF
FILE REFERENCE: MBIO98-061CP1CN1(M)
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SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 39
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SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 53
LENGTH: 126
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Best Local
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Best Local
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                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: US PRIOR FILING DATE: 1998-09-03
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LOCATION: (1)...(126)
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Local Similarity 89.5%;
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Pred. No. 1.
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                                                                       Mismatches
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RESULT 10
US-09-146-950-3
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PRIOR APPLICATION NUMBER: US 09/342,767
PRIOR FILING DATE: 1999-06-29
PRIOR FILING DATE: 1998-09-03
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Sequence 3, Application US/09146950A
Patent No. 6287808
GENERAL INFORMATION:
APPLICANT: Busfield, Samantha J.
TITLE OF INVENTION: NOVEL MOLECULES OF THE HERPESVIRUS-ENTRY-MEDIATOR-RELATED
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LENGTH: 371
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                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQ ID NO 31
LENGTH: 558
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Patent No. 6852837
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Wood, Marion
APPLICANT: Shenk, Michael A.
APPLICANT: McGrath, Annette
APPLICANT: Glenn, Matthew
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SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                              FEATURE:
NAME/KEY: CDS
LOCATION: (1)...(558)
                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
ORGANISM: Homo sapiens
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17; Conservat
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Pred. No. 1
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TYPE: DNA
CRGANISM: Homo 8
FEATURE:
NAME/KEY: CDS
LOCATION: (1)...
US-09-934-289A-3
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CURRENT APPLICATION NUMBER: US/09/146,950A

CURRENT FILING DATE: 1998-09-03

NUMBER OF SEQ ID NOS: 25

SOFTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO 3

LENGTH: 579

TYPE: DNA

ORGANISM: Homo sapiens
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CURRENT APPLICATION NUMBER: US/09/146,950A CURRENT FILING DATE: 1998-09-03 NUMBER OF SEQ ID NOS: 25
SOFTWARE: FastSEQ for Windows Version 3.0 SEQ ID NO 19
LENGTH: 591
TYPE: DNA
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GENERAL INFORMATION:
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SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 3
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                                                                                                                  APPLICANT: Busfield, Samantha J.
TITLE OF INVENTION: NOVEL MOLECULES OF THE HERPESVIRUS-ENTRY-MEDIATOR-RELATED
TITLE OF INVENTION: PROTEIN FAMILY AND USES THEREOF
FILE REFERENCE: 09404/057001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR FILING DATE: 1999-06-29
PRIOR APPLICATION NUMBER: US 09/146,950
PRIOR FILING DATE: 1998-09-03
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CURRENT FILING DATE: 2001-08-21
PRIOR APPLICATION NUMBER: US 09/342,767
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TITLE OF INVENTION: NOVEL MOLECULES OF THE
TITLE OF INVENTION: HERPESVITUS-ENTRY-MEDIATOR-RELATED
TITLE OF INVENTION: PROTEIN FAMILY AND USES THEREOF
FILE REFERENCE: MBIO98-061CP1CN1(M)
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Pred. No. 1.
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Pred. No. 1.6e+02;
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ORGANISM: Homo sapiens

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CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
NUMBER: 60/250-09-08
NUMBER: FROM THE PRIOR PRIOR PRIOR PRIOR PRIOR PRIOR DATE: 2000-09-08
NUMBER: OF SEQ ID NOS: 207012
SOFTWARE: FRASTSEQ for Windows Version 4.0
SEQ ID NO 71225
LENGTH: 601
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US-09-934-289A-19
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; ORGANISM: Human US-09-949-016-71225
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APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: Busfield, Samantha J.
APPLICANT: Busfield, Samantha J.
TITLE OF INVENTION: NOVEL MOLECULES OF THE
TITLE OF INVENTION: HERPESVIRUS ENTRY-MEDIATOR-RELATED
TITLE OF INVENTION: PROTEIN FAMILY AND USES THEREOF
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Best Local Similarity
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Best Local :
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Patent No. 6852837
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CURRENT APPLICATION NUMBER: US/09/934,289A
CURRENT FILING DATE: 2001-08-21
PRIOR APPLICATION NUMBER: US 09/342,767
PRIOR FILING DATE: 1999-06-29
PRIOR APPLICATION NUMBER: US 09/146,950
PRIOR FILING DATE: 1998-09-03
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NAME/KEY: CDS
LOCATION: (1)...(591)
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                                        TYPE: DNA
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Pred. No. 1.6e
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Pred. No. 1
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; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-14592
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                                                                                                                                                               NUMBER OF SEQ ID NOS:
SEQ ID NO 14592
LENGTH: 1008
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Best Local Similarity
Matches 17; Conserv
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Patent No. 6852837
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Best Local
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CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
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PRIOR FILING DATE: 1999-06-29
PRIOR APPLICATION NUMBER: US 09/146,950
PRIOR FILING DATE: 1998-09-03
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                    PRIOR FILING DATE: 1998-02-18
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
                                                                                                                                                                                                                                                                     CURRENT FILING DATE: 1999-02-18 PRIOR APPLICATION NUMBER: US 60/074,788
                                                                                                                                                                                                                                                                                                                     APPLICANT: MAIC J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.136
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TITLE OF INVENTION: NOVEL MOLECULES OF THE
TITLE OF INVENTION: HERPESVIRUS-ENTRY-MEDJ
TITLE OF INVENTION: PROTEIN FAMILY AND USF
FILE REFERENCE: MBIO98-061CP1CN1(M)
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NAME/KEY: CDS
LOCATION: (1).
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TYPE: DNA
ORGANISM: Homo sapiens
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                                                                   Score 15.8; DB 3;
Pred. No. 1.6e+02;
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Pred. No. 1.
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US-09-949-016-2100
; Sequence 2100, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
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Matches
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GENERAL INFORMATION:
APPLICANT: Busfield,
 GENERAL INFO
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TITLE OF INVENTION: NOVEL MOLECULES OF THE HERPESVIRUS-ENTRY-MEDIATOR-RELATED
TITLE OF INVENTION: PROTEIN FAMILY AND USES THEREOF
FILE REFERENCE: 99404/057001
CURRENT APPLICATION NUMBER: US/09/146,950A
CURRENT FILING DATE: 1998-09-03
                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: US 09/342,767
PRIOR FILING DATE: 1999-06-29
PRIOR APPLICATION NUMBER: US 09/146,950
PRIOR FILING DATE: 1998-09-03
NUMBER OF SEO ID NOS: 58
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TITLE OF INVENTION: NOVEL MOLEULES OF THE
TITLE OF INVENTION: HERPESVIRUS-ENTRY-MEDIATOR-RELATED
TITLE OF INVENTION: PROTEIN FAMILY AND USES THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS: 25
SOFTWARE: FastSEQ for Windows Version 3.0
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                                                                                                                                                                                                                                                                                                                                                   LENGTH: 15
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                              NAME/KEY: CDS
LOCATION: (107)...(697)
                                                                                                                                                                                                                                                                                                                                ORGANISM: Homo sapiens
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Pred. No. 1
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Pred. No. 1
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; ORGANISM: Human
US-09-949-016-2100
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CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
PRIOR FILING DATE: 2000-09-08
                                                                                                                                                                                      GENERAL INFORMATION:
APPLICANT: SPEAR, Patricia G.
APPLICANT: MONTGOMERY, Rebecc
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CURRENT APPLICATION NUMBER: US/08/509,024B
CURRENT FILLING DATE: 1995-07-25
NUMBER OF SEQ ID NOS: 7
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 1
LENGTH: 1724
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LENGTH: 1707
                                                        SOFTWARE: PatentIn Ver. 2.0 SEQ ID NO 1
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Patent No. 6303336
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Best Local 9
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                                                                                              FILE REFERENCE: 0290-1
CURRENT APPLICATION NUMBER: US/09/333,279
CURRENT FILING DATE: 199-06-15
NUMBER OF SEQ ID NOS: 7
                                                                                                                                                                    APPLICANT: MONTGOMERY, Rebecca I.
TITLE OF INVENTION: HERPES VIRUS ENTRY RECEPTOR PROTEIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: SPEAR, PATTICIA G.
APPLICANT: MONTGOMERY, REDECCA I.
TITLE OF INVENTION: HERPES VIRUS ENTRY RECEPTOR PROTEIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
ORGANISM: Homo sapiens
ORGANISM: Homo sapiens
                     TYPE: DNA
                                     ENGTH: 1724
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Pred. No. 1.6e
0; Mismatches
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Pred. No. 1.
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SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 1
LENGTH: 1724
TYPE: DNA
CRGANISM: Homo sapiens
US-09-631-780-1
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Patent No. 657308
GENERAL INFORMATION:
APPLICANT: SPEAK, PALTICIA G.
APPLICANT: MONTGOMERY, Rebecca I.
TITLE OF INVENTION: HERPES VIRUS ENTRY RECEPTOR PROTEIN
FILE REFERENCE: 0290-1
CURRENT APPLICATION NUMBER: US/09/631,780
CURRENT FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: US/09/509,024B
PRIOR FILING DATE: 1995-07-25
INUMBER OF SEQ ID NOS: 7
COMMENT OF SEQ ID NOS: 7
                                                                                                                                                                                                                                                        GENERAL INFORMATION:

APPLICANT: Busfield, Samantha J.

TITLE OF INVENTION: NOVEL MOLECULES OF THE

TITLE OF INVENTION: HERESVIRUS-ENTRY-MEDIATOR-RELATED

TITLE OF INVENTION: PROTEIN FAMILY AND USES THEREOF

FILE REFERENCE: MBIO98-061.CPICN1 (M)

CURRENT APPLICATION NUMBER: US/09/934,289A

CURRENT FILING DATE: 2001-08-21

PRIOR APPLICATION NUMBER: US 09/342,767

PRIOR FILING DATE: 1999-06-29

PRIOR FILING DATE: 1998-09-03

NUMBER OF SEQ ID NOS: 58

NUMBER OF SEQ ID NOS: 58
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Best Local Similarity
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                                 Matches
                                               Query Match
Best Local Similarity
                                                                                                                  TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: (294)...(1142)
                                                                                                                                                                                                                         SOFTWARE: FastSEQ for Windows Version 3.0 SEQ ID NO 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 14, Application US/09934289A Patent No. 6852837
                                                                                                                                                                                                          LENGTH: 1724
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                                 Conservative
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                                                 83.2%;
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Pred. No. 1.
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CURRENT APPLICATION NUMBER: US/09, CURRENT FILING DATE: 1999-10-13, NUMBER OF SEQ ID NOS: 2, SOFTWARE: Patentin Ver. 2.0, SEQ ID NO 2, LENGTH: 1835
TYPE: DNA
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; LOCATION: (103)...(933)
US-09-934-289A-41
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; NAME/KEY: 3'UTR
; LOCATION: (1625)..(1835)
US-09-417-704-2
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Best Local Similarity
Matches 17; Conserv
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Patent No. 6852837
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PRIOR FILING DATE: 1999-06-29
PRIOR APPLICATION NUMBER: US 09/146,950
PRIOR FILING DATE: 1998-09-03
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Duvick, John
APPLICANT: Gilliam, Jacob
TITLE OF INVENTION: B Hydroperoxide Lyase Gene from Maize and Methods of
TITLE OF INVENTION: Be
                                                                                                                                                                                                                                                                                                                                                                                                                                       FILE REFERENCE: Maize hydroperoxide lyase CURRENT APPLICATION NUMBER: US/09/417,704
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                                                                    FEATURE:
NAME/KEY: misc binding
LOCATION: (1457)...(1459)
OTHER INFORMATION: Heme-binding site
                                                                                                                                                   FEATURE:
NAME/KEY: misc feature
LOCATION: (1025)..(1027)
OTHER INFORMATION: I-helix
                                                                                                                                                                                                                                                      NAME/KEY: 5'UTR
                                                                                                                                                                                                                                                                           FEATURE:
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Pred. No. 1.6e+02;
0; Mismatches 2
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RESULT 26
US-09-146-950-1
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APPLICANT: Busfield, Samantha J.
APPLICANT: Busfield, Samantha J.
TITLE OF INVENTION: NOVEL MOLECULES OF THE HERPESVIRUS-ENTRY-MEDIATOR-RELATED
TITLE OF INVENTION: PROTEIN FAMILY AND USES THEREOF
FILE REFERENCE: 09404/057001
CURRENT FAPLICATION NUMBER: US/09/146,950A
CURRENT FILING DATE: 1998-09-03
NUMBER OF SEQ ID NOS: 25
SOFTWARE: FastSEQ for Windows Version 3.0
                            Query Match
Best Local Similarity
Matches 17; Conserv
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LENGTH: 1929
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Patent No. 6852837
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TITLE OF INVENTION: NOVEL MOLECULES OF THE
TITLE OF INVENTION: HERPESVIRUS-ENTRY-MEDIATOR-RELATED
TITLE OF INVENTION: PROTEIN FAMILY AND USES THEREOF
FILE REFERENCE: MBIO98-061CP1CN1(M)
                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: US 09/146,950 PRIOR FILING DATE: 1998-09-03 NUMBER OF SEQ ID NOS: 58 SOFTWARE: FASTSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/09/934,289A
CURRENT FILING DATE: 2001-08-21
PRIOR APPLICATION NUMBER: US 09/342,767
PRIOR FILING DATE: 1999-06-29
                                                                                                                                                      LENGTH: 1929
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
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LOCATION: (297)...(875)
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ORGANISM: Homo sapiens
FEATURE:
                                                                                                                    NAME/KEY: CDS
LOCATION: (297)...(875)
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Pred. No. 1
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Pred. No. 1.6e+02;
                                                     Score 15.8; DB 3;
Pred. No. 1.6e+02;
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Query Match
Best Local Similarity
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; LOCATION: (85)...(642)
US-09-934-289A-29
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                                                    RESULT 30
US-09-333-279-6
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Matches
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Sequence 6, Application US/09333279 Patent No. 6303336 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 6
LENGTH: 4622
TYPE: DNA
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APPLICANT: SPEAR, PARTICIA G.
APPLICANT: MONTGOMERY, Rebecca I.
TITLE OF INVENTION: HERPES VIRUS ENTRY RECEPTOR PROTEIN
FILE REFERENCE: 0290-1
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                                                                                                                                                                                                                           Query Match
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TYPE: DNA
ORGANISM: Homo 6
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NUMBER OF SEQ ID NOS: 58
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PRIOR FILING DATE: 1999-06-29
PRIOR APPLICATION NUMBER: US 09/146,950
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CURRENT FILING DATE: 2001-08-21
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CURRENT FILING DATE: 1995-07-25
NUMBER OF SEQ ID NOS: 7
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les 17; Conserv
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89.5%;
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Pred. No. 1.7e
0; Mismatches
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                                   FILE REFERENCE: CL001307
CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
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                                                                                                                                                                                                                                                                                               Sequence 13842, Application US/09949016 Patent No. 6812339
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: US/08/509,024B
PRIOR FILING DATE: 1995-07-25
NUMBER OF SEQ ID NOS: 7
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                                                                                                                                                                                                                APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: SPEAR, Patricia G. APPLICANT: MONTGOMERY, Rebec
                  NUMBER OF SEQ ID NOS: 20701;
SOFTWARE: FastSEQ for Windows Version
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 4622
TYPE: DNA
ORGANISM: Homo sapiens
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ORGANISM: Homo sapiens
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Pred. No. 1
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APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CL001307
CURRENT PILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-09-08
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FRASESEQ for Windows Version 4.0
SEQ ID NO 17374
LENGTH: 84227
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US-09-949-016-13842
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; ORGANISM: Human
US-09-949-016-17374
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APPLICANT: VENTER, J. Craig et al.
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CL001307
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Matches
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SEQ ID NO 11941
LENGTH: 81433
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Best Local (
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CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
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PRIOR APPLICATION NUMBER: 60/231,498
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ORGANISM: Human
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                                       TYPE: DNA
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Pred. No. 1.
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Pred. No. 1.8e+02;
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                                                                                                                                      JS-09-252-991A-3990
                                                                                                                                                                                                                                                                                                                                                                                           Patent No. 6551795

Patent No. 6551795

GENERAL INFORMATION:

APPLICANT: Marc J. Rubenfield et al.

APPLICANT: MARC J. RUBENFIELD AND AMINO ACID SEQUENCES RELATING

TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
                                                                                                                                                                                                                                                         NUMBER OF SEQ ID NOS:
SEQ ID NO 3990
LENGTH: 1674
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SEQ ID NO 4027
LENGTH: 759
TYPE: DNA
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Best Local Similarity
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Best Local S
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Best Local :
                                                                    Matches
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                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/09/252,991A CURRENT FILING DATE: 1999-02-18 PRIOR APPLICATION NUMBER: US 60/074,788 PRIOR FILING DATE: 1998-02-18 PRIOR APPLICATION NUMBER: US 60/094,190 PRIOR FILING DATE: 1998-07-27
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TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILE REFERENCE:
                                                                                                                                                     FEATURE:
NAME/KRY: unsure
LOCATION: (1504), (1674)
OTHER INFORMATION: Identity of nucleotide at the above locations are unknown.
                                                                                                                                                                                                                                           TYPE: DNA
                                                                                                                                                                                                                     ORGANISM: Pseudomonas aeruginosa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           192 GCGCGAGAGGCCGAACT 176
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                                  GCGCGAGAGCCCGAACT 17
 GCGCGAGAGGCCGAACT 156
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NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      83.2%;
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94.1%;
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94.1%;
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Pred. No. 1.9e
0; Mismatches
                                                                  <u>,</u>
                                                                                Score 15.4; DB 3;
Pred. No. 2.6e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 15.4; DB 3;
Pred. No. 2.5e+02;
                                                                  Mismatches
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                                                                                                  DB 3;
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RESULT 39 US-09-722-971-13/c

Sequence 13, Appli Patent No. 6599408

Application US/09722971

GENERAL INFORMATION:
APPLICANT: Allen, Steve
APPLICANT: Butler, Karla
APPLICANT: Fang, Yiwen
APPLICANT: Helentjaris, Tim

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Sequence 2317, Application US/09902540

Patent No. 6833447

GENERAL INFORMATION:
APPLICANT: Goldman, Barry S.
APPLICANT: Hinkle, Gregory J.
APPLICANT: Wiegand, Roger C.
APPLICANT: Wiegand, Roger C.
ITITLE OF INVENTION: Myxococcus xanthus Genome Sequences and FILE REFERENCE: 38-10(15849)B

CURRENT APPLICATION NUMBER: US/09/902,540

CURRENT FILING DATE: 2001-07-10

PRIOR APPLICATION NUMBER: 60/217,883

PRIOR APPLICATION NUMBER: 60/217,883

PRIOR APPLICATION NUMBER: 50/217,883

PRIOR TILING DATE: 2000-07-10

INMMBER OF SEQ ID NOS: 16825

SEQ ID NO 2317

LENGTH: 1029

TYPE: DNA

TYPE: DNA
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US-09-902-540-2317/c
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                                                                                                                                                                                                      ; SEQ ID NO 7746
; LENGTH: 1773
; TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 7746, Application US/09902540 Patent No. 6833447 GENERAL INFORMATION:
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Best Local
                                                                                 Matches
                                                                                                   Best Local Similarity
                                                                                                                      Query Match
                                                                                                                                                                                                                                                                                    APPLICANT: Goldman, Barry S.
APPLICANT: Hinkle, Gregory J.
APPLICANT: Slater, Steven C.
APPLICANT: Wiegand, Roger C.
TITLE OF INVENTION: Myxococcus xanthus Genome Sequences and Uses Thereof FILE REFERENCE: 38-10(15849)B
CURRENT APPLICATION NUMBER: US/09/902,540
CURRENT FILING DATE: 2001-07-10
PRIOR APPLICATION NUMBER: 60/217,883
PRIOR FILING DATE: 2000-07-10
                                                                                                                                                                                                                                                                       NUMBER OF SEQ ID NOS: 16825
                                                                                                                                                                                       ORGANISM: Myxococcus xanthus
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257 CGCGAGGGCCCGAACAGC
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                                        N
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                                        CGCGAGAGCCCGAACTGC 19
                                                                                 Conservative
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88.9%;
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Pred. No. 4.9e+02;
                                                                                                   Score 14.8; DB Pred. No. 5e+02;
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RESULT 41
US-09-902-540-768/c
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US-09-902-540-617
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LENGTH: 1865
      GENERAL INFORMATION:
APPLICANT: GOLdman, Barry S.
APPLICANT: Hinkle, Gregory J.
APPLICANT: Slater, Steven C.
APPLICANT: Wiegand, Roger C.
TITLE OF INVENTION: Myxococcus xanthus Genome Sequences and Uses Thereof FILE REPERENCE: 38-10(15849)B
FULE REPERENCE: 38-10(15849)B
CURRENT APPLICATION NUMBER: US/09/902,540
CURRENT FILING DATE: 2001-07-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: 60/217,883
PRIOR FILING DATE: 2000-07-10
NUMBER OF SEQ ID NOS: 16825
SEQ ID NO 617
LENGTH: 4348
                                                                                                                                                                                      Sequence 768, Application US/09902540 Patent No. 6833447
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Best Local Similarity
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APPLICANT: Hinkle, Gregory J.
APPLICANT: Hinkle, Gregory J.
APPLICANT: Slater, Steven C.
APPLICANT: Wiegand, Roger C.
TITLE OF INVENTION: Myxococcus xanthus Genome Sequences and Uses Thereof FILE REFERENCE: 38-10(15849)B
CURRENT APPLICATION NUMBER: US/09/902,540
CURRENT APPLICATION NUMBER: 2001-07-10
CURRENT FILING DATE: 2001-07-10
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PRIOR FILING DATE: 1999-12-09
NUMBER OF SEQ ID NOS: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILE REFERENCE: BB1409 US NA CURRENT APPLICATION NUMBER: US/09/722,971 CURRENT FILING DATE: 2000-11-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Macool, Dan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION:
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ORGANISM: Oryza sativa
PRIOR APPLICATION NUMBER: 60/217,883
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY: unsure
LOCATION: (1)..(4348)
OTHER INFORMATION: unsure at all n locations
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                 CGCGAGAGCCCGAACTGC 19
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Application US/09902540
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Pred. No. 5.2e+02;
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Pred. No. 5.1e+02;
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RESULT 42
US-09-949-016-11852
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CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
PRIOR FILING DATE: 2000-09-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-09-902-540-768
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Best Local Similarity
Matches 16; Conserv
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 11852
                                                                                                                                                                                                                                                                        Sequence 14166, Application US/09949016 Patent No. 6812339
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
APPLICANT: VENTER, J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Patent No. 6812339
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQ ID NO 768
LENGTH: 4854
                                                                                                                                                                                                                                                        GENERAL INFORMATION:
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHIENS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CL001307
                                                  CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-10-03
                                                                                                                                                                        APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: FOLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CL001307
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR FILING DATE: 2000-07-10
NUMBER OF SEQ ID NOS: 16825
                PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME/KEY: misc_feature
LOCATION: (1)...(321022)
OTHER INFORMATION: n = A,T,C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA ORGANISM: Myxococcus xanthus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Human
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FEATURE:
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OF SEQ ID NOS: 207012
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88.9%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 14.8; DB 3;
Pred. No. 5.8e+02;
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Pred. No. 5.
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; TYPE: DNA
; ORGANISM: Human
; FRATURE:
; FRATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)...(321022)
; OTHER INFORMATION: n = A,T
US-09-949-016-14166
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; NUMBER OF SEQ ID NOS: 3; SEQ ID NO 1615; LENGTH: 432; TYPE: DNA ORGANISM: Pseudomonas au US-09-252-991A-1615
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                                                                                                                                                                                                                                                                                                                                   US-09-602-787A-297/c ; Sequence 297, Application US/09602787A
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US-09-252-991A-1615
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SEQ ID NO 14166
                                                                                                                                                                                                                                                                                                                        Sequence 2:
Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       sequence 1615, Application US/09252991A
Patent No. 6551795
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Matches
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
                                                                                                                                                                                                                          APPLICANT: Pompejus, Mark
APPLICANT: Kr"ger, Burkhard
APPLICANT: Sch"der, Hartwig
APPLICANT: Zelder, Oskar
                                                                                                                                                                              TITLE OF
                                                                                                                                                                                                               APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILE REFERENCE: 107196.136
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: DE 19931454.3
PRIOR FILING DATE: 1999-07-08
PRIOR APPLICATION NUMBER: DE 19931478.0
PRIOR FILING DATE: 1999-07-08
                                                                                  FILE REFERENCE: BGI-125CP
CURRENT APPLICATION NUMBER: US/09/602,787A
CURRENT FILING DATE: 2000-06-23
PRIOR APPLICATION NUMBER: USSN 60/141031
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR TILING DATE: 1998-02-18
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
                                                                                                                                                            TITLE OF INVENTION:
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66965t
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                                                                                                                                                                          T: Haberhauer, Gregor
INVENTION: CORYNEBACTERIUM GLUTAMICUM GENES ENCODING PROTEINS
INVENTION: INVOLVED IN MEMBRANE SYNTHESIS AND MEMBRANE
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Pred. No. 5.8e+02;
0; Mismatches 2;
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; NUMBER OF SEQ 1
; SEQ ID NO 297
; LENGTH: 789
                                                                        PRIOR FILING DATE: 1999-09-0: PRIOR APPLICATION NUMBER: DE PRIOR FILING DATE: 1999-09-0:
TYPE: DNA
                                                                                                                                                                                                       APPLICATION NUMBER: DE 19941395.9 FILING DATE: 1999-08-31 APPLICATION NUMBER: DE 19942077.7
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                                                                                                                                                                                                                                                                               APPLICATION NUMBER: DE 19941379.7
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APPLICATION NUMBER: DE
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FILING DATE: 1999-08-2
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                                                                                                                               APPLICATION NUMBER: DE 19942079.3
                                                                                                                                                    FILING DATE: 1999-09-03
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ORGANISM: Corynebacterium glutamicum FEATURE:

LOCATION: (101)..(766)
OTHER INFORMATION: RXN00410

NAME/KEY: CDS LOCATION: (10)

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                                                                                           PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: DE 19932125.6
PRIOR FILING DATE: 1999-07-09
PRIOR APPLICATION NUMBER: DE 19932128.0
PRIOR FILING DATE: 1999-07-09
PRIOR PRIOR DE 19932180.9
PRIOR FILING DATE: 1999-07-09
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PRIOR PILING DATE: 1999-07-09
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PRIOR APPLICATION NUMBER: DE 19931563.9
PRIOR FILING DATE: 1999-07-08
PRIOR APPLICATION NUMBER: DE 19932122.1
PRIOR FILING DATE: 1999-07-09
PRIOR APPLICATION NUMBER: DE 19932124.8
PRIOR FILING DATE: 1999-07-09
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CURRENT FILING DATE: 2000-06-23
PRIOR APPLICATION NUMBER: USSN 60/141031
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                                                                                                                                                                                       APPLICATION NUMBER: DE 19932230.9 FILING DATE: 1999-07-09 APPLICATION NUMBER: DE 19932927.3
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APPLICATION NUMBER: DE 19932228.7
FILING DATE: 1999-07-09
APPLICATION NUMBER: DE 19932229.5
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APPLICATION NUMBER: DE 19931454.3
FILING DATE: 1999-07-08
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APPLICATION NUMBER: DE
FILING DATE: 1999-07-14
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APPLICATION NUMBER: DE 19932209.0
FILING DATE: 1999-07-09
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APPLICATION NUMBER: DE
FILING DATE: 1999-07-09
APPLICATION NUMBER: DE 1
                                                                                           APPLICATION NUMBER: DE 19933006.9 FILING DATE: 1999-07-14
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o. 66965
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INVENTION: CORYNEBACTERIUM GLUTAMICUM GENES ENCODING PROTEINS
INVENTION: INVOLVED IN MEMBRANE SYNTHESIS AND MEMBRANE
INVENTION: TRANSPORT
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; LOCATION: (101)..(766)
; OTHER INFORMATION: FRXA00410
US-09-602-787A-299
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                                                              Query Match
Best Local S
Matches 15
                                                                                                                                         SEQ ID NO 10271
LENGTH: 801
TYPE: DNA
ORGANISM: Pseudomonas aeruginosa
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                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 10
Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQ ID NO 299
LENGTH: 789
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Best Local
                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/09/252,991A CURRENT FILING DATE: 199-02-18 PRIOR APPLICATION NUMBER: US 60/074,788 PRIOR FILING DATE: 1998-02-18
                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING
TITLE OF INVENTION: ABRUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
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PRIOR APPLICATION NUMBER: DE 19942088.2
PRIOR FILING DATE: 1999-09-03
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NAME/KEY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: DE 19942078.5
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FILING DATE: 1999-08-27
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FILING DATE: 1999-08-31
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363
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5. 6551795
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GCGCGAGAACCCCGAAC 378
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93.8%;
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US-09-252-991A-10483
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; ORGANISM: Homo sapiens
US-10-237-551-88
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GENERAL INFORMATION:
APPLICANT: MATC J. Rubenfield et al.
APPLICANT: MATC J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.136
CURRENT APPLICATION NUMBER: US/09/252,991A
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APPLICANT: Day, Craig
APPLICANT: Hosken, Nancy A.
APPLICANT: Hosken, Nancy A.
APPLICANT: Parsons, Joseph M.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
TITLE OF INVENTION: TREATMENT OF HERPES SIMPLEX VIRUS INFECTION
FILE REFERENCE: 210121.538C3
CURRENT FILING DATE: 2002-09-06
NUMBER OF SEQ ID NOS: 254
SOFTWARE: FILING DATE: 2002-09-06
NUMBER OF SEQ ID NOS: 254
SOFTWARE: FRANKESEQ for Windows Version 4.0
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APPLICANT: MATC J. Rubenfield et al.
APPLICANT: MATC J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
                                                                                                                                                                                                                        3-09-252-991A-1552/c
Sequence 1552, Application US/09252991A
Patent No. 6551795
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CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR PILING DATE: 1998-02-18
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 1552
LENGTH: 1272
TYPE: DNA
ORGANISM: Pseudomonas aeruginosa
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Search completed: January 11, 2006, 21:34:36 Job time : 121.153 secs
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Pred. No. 7.8e+02;
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    Pred. No. is the number of results predicted by chance to have score greater than or equal to the score of the result being part and is derived by analysis of the total score distribution.
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1: /cgm2_6/ptodata/1/pubpna/USO7_PUBCOMB.seq:*

2: /cgm2_6/ptodata/1/pubpna/USO8_PUBCOMB.seq:*

3: /cgm2_6/ptodata/1/pubpna/USO9A_PUBCOMB.seq:*

4: /cgm2_6/ptodata/1/pubpna/USO9A_PUBCOMB.seq:*

5: /cgm2_6/ptodata/1/pubpna/USIO8_PUBCOMB.seq:*

6: /cgm2_6/ptodata/1/pubpna/USIO8_PUBCOMB.seq:*

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822 14.2 74.7 2749 6 US-10-140-018-385 Sequence 385, App C 822 14.2 74.2 74.2 74.2 74.2 74.2 74.2 74.2 7	742 14.2 74.7 2749 6 US-10-147-511-385 Sequence 385, App C 815 14.  743 14.2 74.7 2749 6 US-10-147-529-385 Sequence 385, App C 816 14.  744 14.2 74.7 2749 6 US-10-153-385 Sequence 385, App C 816 14.  745 14.2 74.7 2749 6 US-10-153-586-385 Sequence 385, App C 818 14.  746 14.2 74.7 2749 6 US-10-158-786-385 Sequence 385, App C 818 14.  747 14.2 74.7 2749 6 US-10-158-786-385 Sequence 385, App C 819 14.  748 14.2 74.7 2749 6 US-10-133-031A-215 Sequence 385, App C 820 14.  749 14.2 74.7 2749 6 US-10-138-385 Sequence 385, App C 820 14.  749 14.2 74.7 2749 6 US-10-143-031A-385 Sequence 385, App C 820 14.	740 14.2 74.7 2749 6 US-10-147-509-385 Sequence 385, App 741 14.2 74.7 2749 6 US-10-147-510-385 Sequence 385, App 742 14.2 74.7 2749 6 US-10-147-511-385 Sequence 385, App 743 14.2 74.7 2749 6 US-10-147-529-385 Sequence 385, App 744 14.2 74.7 2749 6 US-10-152-397-385 Sequence 385, App 745 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US-10-147-501-385 Sequence 385, App 738 14.2 74.7 2749 6 US-10-147-50385 Sequence 385, App 739 14.2 74.7 2749 6 US-10-147-506-385 Sequence 385, App 740 14.2 74.7 2749 6 US-10-147-509-385 Sequence 385, App 741 14.2 74.7 2749 6 US-10-147-509-385 Sequence 385, App 742 14.2 74.7 2749 6 US-10-147-511-385 Sequence 385, App 743 14.2 74.7 2749 6 US-10-147-529-385 Sequence 385, App 744 14.2 74.7 2749 6 US-10-152-397-385 Sequence 385, App 745 14.2 74.7 2749 6 US-10-152-397-385 Sequence 385, App 746 14.2 74.7 2749 6 US-10-153-586-385 Sequence 385, App 747 14.2 74.7 2749 6 US-10-153-586-385 Sequence 385, App 748 14.2 74.7 2749 6 US-10-153-586-385 Sequence 385, App 749 14.2 74.7 2749 6 US-10-153-586-385 Sequence 385, App 740 14.2 74.7 2749 6 US-10-143-031A-215 Sequence 385, App 747 14.2 74.7 2749 6 US-10-137-870-385 Sequence 385, App 748 14.2 74.7 2749 6 US-10-137-870-385 Sequence 385, App 749 14.2 74.7 2749 6 US-10-137-870-385 Sequence 385, App 740 14.2 74.7 2749 6 US-10-137-870-385 Sequence 385, 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Sequence 385, App C 817 14.  748 14.2 74.7 2749 6 US-10-137-870-385 Sequence 385, App C 819 14.  749 14.2 74.7 2749 6 US-10-137-870-385 Sequence 385, App C 819 14.  740 14.2 74.7 2749 6 US-10-137-870-385 Sequence 385, App C 819 14.  740 14.2 74.7 2749 6 US-10-137-870-385 Sequence 385, App C 819 14.  740 14.2 74.7 2749 6 US-10-137-870-385 Sequence 385, App C 819 14.  741 142 74.7 2749 6 US-10-137-870-385 Sequence 385, App C 819 14.  742 74.7 2749 6 US-10-137-870-385 Sequence 385, App C 819 14.  743 144 144 144 144 144 144 144 144 144 1	734 14.2 74.7 2749 6 US-10-146-725-385 Sequence 385, App C 807 14. 74.7 2749 6 US-10-146-795-385 Sequence 385, App C 808 14. 74.7 2749 6 US-10-147-955-385 Sequence 385, App C 808 14. 74.7 2749 6 US-10-147-501-385 Sequence 385, App C 809 14. 74.7 2749 6 US-10-147-501-385 Sequence 385, App C 810 14. 74.7 2749 6 US-10-147-506-385 Sequence 385, App C 811 14. 74.7 2749 6 US-10-147-506-385 Sequence 385, App C 811 14. 74.7 2749 6 US-10-147-509-385 Sequence 385, 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804     14.       732     14.2     74.7     2749     6     US-10-146-725-385     Sequence 385, App     C     806     14.       734     14.2     74.7     2749     6     US-10-146-725-385     Sequence 385, App     C     807     14.       734     14.2     74.7     2749     6     US-10-146-725-385     Sequence 385, App     C     807     14.       735     14.2     74.7     2749     6     US-10-147-505-385     Sequence 385, App     C     807     14.       736     14.2     74.7     2749     6     US-10-147-501-385     Sequence 385, App     C     800     14.       737     14.2     74.7     2749     6     US-10-147-506-385     Sequence 385, App     C     810     14.       739     14.2     74.7     2749     6     US-10-147-506-385     Seque	728 14.2 74.7 2749 6 US-10-145-823-385 Sequence 385, App C 801 14. 74.7 2749 6 US-10-145-870-385 Sequence 385, App C 803 14. 74.7 2749 6 US-10-145-876-385 Sequence 385, App C 803 14. 74.7 2749 6 US-10-145-876-385 Sequence 385, App C 803 14. 74.7 2749 6 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74.7 2749 6 US-1 74.7 2749 6 US-1	74.7 2749 6 US-1 74.7 2749 6 US-1 74.7 2749 6 US-1 74.7 2749 6 US-1 74.7 2749 6 US-1	74.7 2749 6 US-1 74.7 2749 6 US-1 74.7 2749 6 US-1 74.7 2749 6 US-1	4.2 74.7 2749 6 US-1 4.2 74.7 2749 6 US-1 4.2 74.7 2749 6 US-1	4.2 74.7 2749 6 US-1 4.2 74.7 2749 6 US-1 4.3 74.7 2740 6 US-1	4.2 74.7 2749 6 US-1 4.2 74.7 2749 6 US-1 4.2 74.7 2749 6 US-1	4.2 74.7 2749 6 US-1 4.2 74.7 2749 6 US-1	4.2 74.7 2749 6 US-1 4.2 74.7 2749 6 US-1	4.2 74.7 2749 6 US-1 4.2 74.7 2749 6 US-1	4.2 74.7 2749 6 US-1 4.2 74.7 2749 6 US-1	4.2 74.7 2749 6 US-1 4.2 74.7 2749 6 US-1	4.2 74.7 2749 6 US-1 4.2 74.7 2749 6 US-1	4.2 74.7 2749 6 US-1 4.2 74.7 2749 6 US-1	4.2 74.7 2749 6 US-1 4.2 74.7 2749 6 US-1	4.2 74.7 2749 6 US-1 4.2 74.7 2749 6 US-1 4.2 74.7 2749 6 US-1	4.2 74.7 2749 6 US-1 4.2 74.7 2749 6 US-1	4.2 74.7 2749 6 US-1 4.2 74.7 2749 6 US-1 4.3 74 7 2749 6 TS-1	4.2 74.7 2749 6 US-1 4.2 74.7 2749 6 US-1	4.2 74.7 2749 6 US-1 4.2 74.7 2749 6 US-1	4.2 /4./ 2749 6 US-1 4.2 74.7 2749 6 US-1	4.2 74.7 2749 6 US-1	4.2 74.7 2749 6 US-1	4.2 74.7 2749 6 US-1	4.2 /4./ 2/49 6 US-1 4.2 74.7 2749 6 US-1 4.2 74.7 2749 6 US-1	14.2 74.7 2749 6 US-1	14.2 74.7 2749 6 US-1 14.2 74.7 2749 6 US-1	14.2 74.7 2749 6 US-1 14.2 74.7 2749 6 US-1	4.2 74.7 2749 6 US-1	4.2 74.7 2749 6 US-1 4.2 74.7 2749 6 US-1	4.2 74.7 2749 6 US-1 4.2 74.7 2749 6 US-1	4.2 74.7 2749 6 US-1 4.2 74.7 2749 6 US-1
74.7 2749 6 US-10-167-600-74.7 2749 6 US-10-170-481A 74.7 2749 6 US-10-172-039A 74.7 2749 6 US-10-210-028-74.7 2749 6 US-10-23-913-3	74.7 2749 6 US-10-147-499-3 74.7 2749 6 US-10-157-798-3 74.7 2749 6 US-10-165-03BA 74.7 2749 6 US-10-165-353A 74.7 2749 6 US-10-165-353A	74.7 2749 6 US-10-145-092A 74.7 2749 6 US-10-145-129A 74.7 2749 6 US-10-146-728-3 74.7 2749 6 US-10-146-786-3	4.2 74.7 2749 6 US-10-142-886-3 4.2 74.7 2749 6 US-10-145-016A- 4.2 74.7 2749 6 US-10-145-088A-	4.2 74.7 2749 6 US-10-128-685A- 4.2 74.7 2749 6 US-10-131-820A-	4.2 74.7 2749 6 US-10-127-852A- 4.2 74.7 2749 6 US-10-127-852A- 4.2 74.7 2749 6 US-10-127-900A-	4.2 74.7 2749 6 US-10-125-931-3 4.2 74.7 2749 6 US-10-125-932-3	4.2 74.7 2749 6 US-10-123-911-3 4.2 74.7 2749 6 US-10-124-823-3	4.2 74.7 2749 6 US-10-123-322-3 4.2 74.7 2749 6 US-10-123-771-3	4.2 74.7 2749 6 US-10-123-213-3 4.2 74.7 2749 6 US-10-123-291-3	4.2 74.7 2749 6 US-10-121-063-3 4.2 74.7 2749 6 US-10-123-212-3	4.2 74.7 2749 6 US-10-121-053-3 4.2 74.7 2749 6 US-10-121-054-3	4.2 74.7 2749 6 US-10-121-048-3 4.2 74.7 2749 6 US-10-121-052-3	4.2 74.7 2749 6 US-10-156-845-3 4.2 74.7 2749 6 US-10-156-846-3	4.2 74.7 2749 6 US-10-156-841-3 4.2 74.7 2749 6 US-10-156-842-3 4.2 74.7 2749 6 US-10-156-844-1	4.2 74.7 2749 6 US-10-153-552-3 4.2 74.7 2749 6 US-10-153-840-3	4.2 74.7 2749 6 US-10-152-385-3 4.2 74.7 2749 6 US-10-152-393-3 4.3 74.7 2749 6 US-10-152-396-3	4.2 74.7 2749 6 US-10-013-924A 4.2 74.7 2749 6 US-10-124-821-3	4.2 74.7 2749 6 US-10-013-922A-4.2 74.7 2749 6 US-10-020-445A-	4.2 74.7 2749 6 US-10-125-805-3	4:2 74:7 2749 6 US-10-123-156-3	4.2 74.7 2749 6 US-10-164-929A-	4.2 74.7 2749 6 US-10-160-500-3 4.2 74.7 2749 6 US-10-160-500-3 4.2 74.7 2740 6 US-10-164-8208	4.2 74.7 2749 6 US-10-157-794-3 4.2 74.7 2749 6 US-10-157-794-3 4 2 74 7 2740 6 US-10-157-706-3	14.2 74.7 2749 6 US-10-156-848-3	14.2 74.7 2749 6 US-10-152-391-3 14.2 74.7 2749 6 US-10-152-399-3	14.2 74.7 2749 6 US-10-152-386-3	4.2 74.7 2749 6 US-10-152-375-3	4.2 74.7 2749 6 US-10-152-371-3 4.2 74.7 2749 6 US-10-152-374-3	4.2 74.7 2749 6 US-10-142-809-3 4.2 74.7 2749 6 US-10-145-874-3 4.2 74.7 2749 6 US-10-147-497-3	4.2 74.7 2749 6 US-10-145-087A 4.2 74.7 2749 6 US-10-017-086A
2 74.7 2749 6 US-10-167-600-215 2 74.7 2749 6 US-10-170-481A-215 2 74.7 2749 6 US-10-172-039A-215 2 74.7 2749 6 US-10-210-028-215 2 74.7 2749 6 US-10-213-913-385 2 74.7 2749 6 US-10-123-913-385 2 74.7 2749 6 US-10-123-913-385	74.7 2749 6 US-10-147-499-3 74.7 2749 6 US-10-157-798-3 74.7 2749 6 US-10-165-03BA 74.7 2749 6 US-10-165-353A 74.7 2749 6 US-10-165-353A	74.7 2749 6 US-10-145-092A 74.7 2749 6 US-10-145-129A 74.7 2749 6 US-10-146-728-3 74.7 2749 6 US-10-146-786-3	4.2 74.7 2749 6 US-10-142-886-3 4.2 74.7 2749 6 US-10-145-016A- 4.2 74.7 2749 6 US-10-145-088A-	4.2 74.7 2749 6 US-10-128-685A- 4.2 74.7 2749 6 US-10-131-820A-	4.2 74.7 2749 6 US-10-127-852A- 4.2 74.7 2749 6 US-10-127-852A- 4.2 74.7 2749 6 US-10-127-900A-	4.2 74.7 2749 6 US-10-125-931-3 4.2 74.7 2749 6 US-10-125-932-3	4.2 74.7 2749 6 US-10-123-911-3 4.2 74.7 2749 6 US-10-124-823-3	4.2 74.7 2749 6 US-10-123-322-3 4.2 74.7 2749 6 US-10-123-771-3	4.2 74.7 2749 6 US-10-123-213-3 4.2 74.7 2749 6 US-10-123-291-3	4.2 74.7 2749 6 US-10-121-063-3 4.2 74.7 2749 6 US-10-123-212-3	4.2 74.7 2749 6 US-10-121-053-3 4.2 74.7 2749 6 US-10-121-054-3	4.2 74.7 2749 6 US-10-121-048-3 4.2 74.7 2749 6 US-10-121-052-3	4.2 74.7 2749 6 US-10-156-845-3 4.2 74.7 2749 6 US-10-156-846-3	4.2 74.7 2749 6 US-10-156-841-3 4.2 74.7 2749 6 US-10-156-842-3 4.2 74.7 2749 6 US-10-156-844-1	4.2 74.7 2749 6 US-10-153-552-3 4.2 74.7 2749 6 US-10-153-840-3	4.2 74.7 2749 6 US-10-152-385-3 4.2 74.7 2749 6 US-10-152-393-3 4.3 74.7 2749 6 US-10-152-396-3	4.2 74.7 2749 6 US-10-013-924A 4.2 74.7 2749 6 US-10-124-821-3	4.2 74.7 2749 6 US-10-013-922A-4.2 74.7 2749 6 US-10-020-445A-	4.2 74.7 2749 6 US-10-125-805-3	4:2 74:7 2749 6 US-10-123-156-3	4.2 74.7 2749 6 US-10-164-929A-	4.2 74.7 2749 6 US-10-160-500-3 4.2 74.7 2749 6 US-10-160-500-3 4.2 74.7 2740 6 US-10-164-8208	4.2 74.7 2749 6 US-10-157-794-3 4.2 74.7 2749 6 US-10-157-794-3 4 2 74 7 2740 6 US-10-157-706-3	14.2 74.7 2749 6 US-10-156-848-3	14.2 74.7 2749 6 US-10-152-391-3 14.2 74.7 2749 6 US-10-152-399-3	14.2 74.7 2749 6 US-10-152-386-3	4.2 74.7 2749 6 US-10-152-375-3	4.2 74.7 2749 6 US-10-152-371-3 4.2 74.7 2749 6 US-10-152-374-3	4.2 74.7 2749 6 US-10-142-809-3 4.2 74.7 2749 6 US-10-145-874-3 4.2 74.7 2749 6 US-10-147-497-3	4.2 74.7 2749 6 US-10-145-087A 4.2 74.7 2749 6 US-10-017-086A
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74.7 2749 6 US-10-167-600-215 74.7 2749 6 US-10-170-481A-215 74.7 2749 6 US-10-172-039A-215 74.7 2749 6 US-10-172-038-215 74.7 2749 6 US-10-123-913-385	74.7 2749 6 US-10-147-499-385 74.7 2749 6 US-10-157-798-385 74.7 2749 6 US-10-165-3534-215 74.7 2749 6 US-10-165-3534-215	74.7 2749 6 US-10-145-092A-215 74.7 2749 6 US-10-145-129A-215 74.7 2749 6 US-10-146-728-385 74.7 2749 6 US-10-146-786-385	4.2 74.7 2749 6 US-1U-142-086-385 4.2 74.7 2749 6 US-10-145-016A-215 4.2 74.7 2749 6 US-10-145-088A-215	4.2 74.7 2749 6 US-10-128-685A-385 4.2 74.7 2749 6 US-10-131-820A-385 4.2 74.7 2749 6 US-10-143-886-386	4.2 74.7 2749 6 US-10-127-900A-385 4.2 74.7 2749 6 US-10-127-900A-385	4.2 74.7 2749 6 US-10-125-931-385 4.2 74.7 2749 6 US-10-125-932-385 4.2 74.7 2749 6 US-10-125-932-385	4.2 74.7 2749 6 US-10-123-911-385 4.2 74.7 2749 6 US-10-124-823-385	4.2 74.7 2749 6 US-10-123-322-385 4.2 74.7 2749 6 US-10-123-771-385	4.2 74.7 2749 6 US-10-123-213-385 4.2 74.7 2749 6 US-10-123-291-385	4.2 74.7 2749 6 US-10-121-063-385 4.2 74.7 2749 6 US-10-123-212-385	4.2 74.7 2749 6 US-10-121-053-385 4.2 74.7 2749 6 US-10-121-054-385	4.2 74.7 2749 6 US-10-121-048-385 4.2 74.7 2749 6 US-10-121-052-385	4.2 74.7 2749 6 US-10-156-845-385 4.2 74.7 2749 6 US-10-156-846-385	4.2 74.7 2749 6 US-10-156-841-385 4.2 74.7 2749 6 US-10-156-842-385 4 2 74 7 2749 6 US-10-156-842-385	4.2 74.7 2749 6 US-10-153-552-385 4.2 74.7 2749 6 US-10-153-840-385	4.2 74.7 2749 6 US-10-152-385-385 4.2 74.7 2749 6 US-10-152-393-385 4.5 74.7 2740 6 US-10-152-396-395	4.2 74.7 2749 6 US-10-013-924A-215 4.2 74.7 2749 6 US-10-124-821-385	4.2 74.7 2749 6 US-10-013-922A-215 4.2 74.7 2749 6 US-10-020-445A-215	4.2 74.7 2749 6 US-10-123-214-385 4.2 74.7 2749 6 US-10-125-805-385	4.2 74.7 2749 6 US-10-123-156-385	4.2 74.7 2749 6 US-10-164-929A-215	4.2 74.7 2749 6 US-10-160-500-385 4.2 74.7 2749 6 US-10-160-8208-215	4.2 74.7 2749 6 US-10-157-793-395 4.2 74.7 2749 6 US-10-157-794-385 4.2 74.7 2740 6 US-10-157-796-385	14.2 74.7 2749 6 US-10-156-848-385	14.2 74.7 2749 6 US-10-152-391-385 14.2 74.7 2749 6 US-10-152-399-385	14.2 74.7 2749 6 US-10-152-377-385 14.2 74.7 2749 6 US-10-152-386-385	4.2 74.7 2749 6 US-10-152-375-385	4.2 74.7 2749 6 US-10-152-371-385 4.2 74.7 2749 6 US-10-152-374-385	4.2 74.7 2749 6 US-10-147-009-305 4.2 74.7 2749 6 US-10-147-497-385 4.2 74.7 2749 6 US-10-147-497-385	4.2 74.7 2749 6 US-10-145-087A-215 4.2 74.7 2749 6 US-10-017-086A-215
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GENERAL INFORMATION:

APPLICANT: Magdelena, J

APPLICANT: Supply, P

APPLICANT: Locht, C

TITLE OF INVENTION: NUCLEIC ACID FRAGMENTS AND THEIR APPLICATIONS FOR THE TITLE OF INVENTION: NUCLEIC ACID FRAGMENTS AND THEIR APPLICATIONS FOR THE TITLE OF INVENTION: COMPLEX MEMBERS

FILE OF INVENTION: COMPLEX MEMBERS

FILE OF INVENTION: COMPLEX MEMBERS

FILE REFERENCE: 408.014

CURRENT APPLICATION NUMBER: US/10/086,206

CURRENT FILING DATE: 2002-02-28

PRIOR APPLICATION NUMBER: PCT/FR97/01483

PRIOR FILING DATE: 1997-08-12

PRIOR APPLICATION NUMBER: FR 96/10277

PRIOR FILING DATE: 1996-08-19

NUMBER OF SEQ ID NOS: 11

SOFTMARE: Patentin Ver. 2.1

SOFTMARE: Patentin Ver. 2.1
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; ORGANISM: Mycobacterium tuberculosis
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GENERAL INFORMATION:
APPLICANT: Eisenberg, David
APPLICANT: Eisenberg, David
APPLICANT: Rotstein, Sergio H.
APPLICANT: Rotstein, Sergio H.
APPLICANT: Rotstein, Sergio H.
APPLICANT: Rarcotte, Edward M.
TITLE OF INVENTION: DETERMINING THE FUNCTIONS ANI
TITLE OF INVENTION: INTERACTIONS OF PROTEINS BY
FILE REFERENCE: 07419-032001
CURRENT APPLICATION NUMBER: US/09/712,363
CURRENT FILING DATE: 2000-01-13
PRIOR APPLICATION NUMBER: 60/179,531
PRIOR FILING DATE: 2000-02-01
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PRIOR APPLICATION NUMBER: 60/191,078
PRIOR PILLING DATE: 2000-03-21
PRIOR PILLING DATE: 2000-03-21
PRIOR PILLING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: 60/207,727
PRIOR APPLICATION NUMBER: 60/207,727
PRIOR APPLICATION NUMBER: 60/230,335
PRIOR PILLING DATE: 2000-05-26
PRIOR PILLING DATE: 2000-09-06
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PRIOR PILLING DATE: 2000-09-06
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PRIOR PILLING DATE: 2000-09-09
PRIOR PILLING DATE: 2000-09-09
PRIOR PILLING DATE: 2000-10-23
PRIOR APPLICATION NUMBER: 60/242,578
PRIOR PILLING DATE: 2000-11-27
PRIOR PILLING DATE: 2000-11-27
PRIOR APPLICATION NUMBER: 60/257,931
PRIOR APPLICATION NUMBER: 60/267,636
PRIOR APPLICATION NUMBER: 60/267,636
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PRIOR PILLING DATE: 2000-12-29
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; ORGANISM: Mycobacterium bovis
US-10-282-122A-26407
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US-09-712-363-27
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Patent No. US20020164588A1
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SOFTWARE: PatentIn version 3.1
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LENGTH: 1230
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Best Local :
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APPLICANT: Wall, Daniel
APPLICANT: Trawick, John
APPLICANT: Trawick, John
APPLICANT: Carr, Grant
APPLICANT: Yamamoto, Robert
APPLICANT: Forsyth, R.
APPLICANT: Forsyth, R.
APPLICANT: Xu, H.
APPLICANT: Xu, H.
TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
FILE REFERENCE: ELITER.034A
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APPLICANT: Zamuc
APPLICANT: Malor
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                                                                                                                                                                                                                                                                                               1174 GCGCGAGAGCCCGAACTGC 1192
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Ohlsen, Kari
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Malone, Cheryl
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lio, Carlos
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Pred. No. 7.5;
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                                                                                                                      COMPARATIVE ANALYSIS
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; ORGANISM: Mycobacterium tuberculosis
US-09-712-363-27
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                                                                                                                                                                             PRIOR FILING DATE: 2000-03-21
PRIOR APPLICATION NUMBER: 60/206,848
PRIOR PILING DATE: 2000-05-28
PRIOR PILING DATE: 2000-05-26
PRIOR PILING DATE: 2000-05-26
PRIOR PILING DATE: 2000-05-26
PRIOR PILING DATE: 2000-09-06
PRIOR PILING DATE: 2000-09-06
PRIOR PILING DATE: 2000-09-09
PRIOR APPLICATION NUMBER: 60/230,347
PRIOR PILING DATE: 2000-09-09
PRIOR APPLICATION NUMBER: 60/230,347
PRIOR PILING DATE: 2000-10-23
PRIOR APPLICATION NUMBER: 60/242,578
PRIOR FILING DATE: 2000-10-23
PRIOR FILING DATE: 2000-10-23
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Publication No. US20040029129A1
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CURRENT APPLICATION NUMBER: US/10/282,122A
CURRENT FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: 60/191,078
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PRIOR APPLICATION NUMBER: 60/134,092
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Xu, H.
TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
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NUMBER OF SEQ ID NOS: 292
                     PRIOR APPLICATION NUMBER: 60/269,308 PRIOR FILING DATE: 2001-02-16
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RAPPLICATION NUMBER: 60/118,206,

DR FILING DATE: 1999-02-01

PR APPLICATION NUMBER: 60/126,593

DR APPLICATION NUMBER: 60/134,093

DR APPLICATION NUMBER: 60/134,093
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                                                                                                                                                          APPLICATION NUMBER: 60/230,347
FILING DATE: 2000-09-09
APPLICATION NUMBER: 60/242,578
FILING DATE: 2000-10-23
APPLICATION NUMBER: 60/253,625
                                                           FILING DATE: 2000-11-27
APPLICATION NUMBER: 60/257,931
FILING DATE: 2000-12-22
APPLICATION NUMBER: 60/267,636
FILING DATE: 2001-02-09
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APPLICATION NUMBER: 60/165,124
FILING DATE: 1999-11-12
APPLICATION NUMBER: 60/165,086
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Zamudio, cu-
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Forsyth, R.
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Zyskind, Jud
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                                                                          ORGANISM: Mycobacterium tuberculosis US-10-080-170-648
                                                                                                     SOFTWARE: Patent
SEQ ID NO 648
LENGTH: 86114
TYPE: DNA
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Publication No. US20040121322A9
GENERAL INFORMATION:
APPLICANT: COLE, S.T.
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SEQ ID NO 28204
LENGTH: 1233
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LENGTH: 86114
                     Best
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Best Local Similarity
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Best Local Similarity
                                      Query Match
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CURRENT APPLICATION NUMBER: US/10/080,170
CURRENT FILING DATE: 2002-06-10
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TITLE OF INVENTION: COMPARATIVE MYCOBACTERIAL GENOMICS AS A
TITLE OF INVENTION: IDENTIFYING TARGETS FOR THE DIAGNOSIS,
TITLE OF INVENTION: TREATMENT OF MYCOBACTERIOSES
FILE REFERENCE: 03495.0218
CURRENT APPLICATION NUMBER: US/10/080,170
CURRENT FILING DATE: 2002-06-10
PRIOR APPLICATION NUMBER: 60/270,123
PRIOR FILING DATE: 2001-02-22
NUMBER OF SEQ ID NOS: 652
                                                                                                                                                                             PRIOR APPLICATION NUMBER: 60/270,123
PRIOR FILING DATE: 2001-02-22
NUMBER OF SEQ ID NOS: 652
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/ Match 100.0%; Score 19; DB 7;
Local Similarity 100.0%; Pred. No. 3.7;
les 19; Conservative 0; Mismatches C
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100.0%; Pred. No. 3.7;
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Pred. No. 7.5;
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US-10-282-122A-13734
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CURRENT APPLICATION NUMBER: US/10/468,356
CURRENT TILING DATE: 2003-08-19
PRIOR APPLICATION NUMBER: 10/080,170
PRIOR FILING DATE: 2002-02-22
PRIOR APPLICATION NUMBER: 60/270,123
PRIOR FILING DATE: 2001-02-22
NUMBER OF SEQ ID NOS: 655
NUMBER OF SEQ ID NOS: 655
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Publication No.
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                                                                                                                PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: 60/230,335
PRIOR FILING DATE: 2000-09-06
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                                APPLICATION NUMBER: 60/230,347
FILING DATE: 2000-09-09
APPLICATION NUMBER: 60/242,578
FILING DATE: 2000-10-23
APPLICATION NUMBER: 60/253,625 FILING DATE: 2000-11-27
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Malone, Cheryl
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Forsyth, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Ohlsen,
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o. US20040197896A1
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GENERAL INFORMATION:
APPLICANT: Cao, Yongwei
APPLICANT: Hinkle, Gregory J.
APPLICANT: Slater, Steven C.
APPLICANT: Goldman, Barry S.
APPLICANT: Chen, Xianfeng
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      GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Busfield, Samantha J.
TITLE OF INVENTION: NOVEL MOLECULES OF THE
TITLE OF INVENTION: HERPESVIRUS-ENTEX-MEDIATOR-RELATED
TITLE OF INVENTION: PROTEIN FAMILY AND USES THEREOF
FILE REFERENCE: MEIO98-06.1CP1CN1(M)
CURRENT APPLICATION NUMBER: US/09/934,289A
CURRENT FILING DATE: 2001-08-21
PRIOR APPLICATION NUMBER: US 09/342,767
PRIOR APPLICATION NUMBER: US 09/342,767
PRIOR FILING DATE: 1999-06-29
PRIOR FILING DATE: 1999-06-29
PRIOR FILING DATE: 1999-06-29
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NUMBER OF SEQ ID NOS: 78614
SOFTWARE: PatentIn version 3.1
SEQ ID NO 13734
LENGTH: 612
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LENGTH: 1437
TYPE: DNA
ORGANISM: Rhodobacter sphaeroides
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CURRENT FILING DATE: 2003-02-28
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: 60/267,636
PRIOR TILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: 60/269,308
PRIOR FILING DATE: 2001-02-16
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APPLICATION NUMBER: US 09/146,950
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Pred. No. 5;
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Pred. No. 4
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GENERAL INFORMATION:

APPLICANT: Busfield, Samantha J.

TITLE OF INVENTION: NOVEL MOLECULES OF THE

TITLE OF INVENTION: HERPESVIRUS-ENTRY-MEDIATOR-RELATED

TITLE OF INVENTION: PROTEIN FAMILY AND USES THEREOF

FILE REFERENCE: MEIO99-061CP1CNI (M)

CURRENT APPLICATION NUMBER: US/09/934,289A

CURRENT FILING DATE: 2001-08-21

PRIOR APPLICATION NUMBER: US 09/342,767

PRIOR APPLICATION NUMBER: US 09/342,767

PRIOR FILING DATE: 1999-06-29

PRIOR FILING DATE: 1999-06-30
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US-09-934-289A-39
; Sequence 39, Application US/09934289A
; Patent No. US20020132297A1
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US-09-934-289A-27
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FILE REFERENCE: MBIO98-061CPICNI (M)
CURRENT APPLICATION NUMBER: US/09/934,289A
CURRENT FILING DATE: 2001-08-21
PRIOR APPLICATION NUMBER: US 09/342,767
PRIOR FILING DATE: 1999-06-29
PRIOR FILING DATE: 1998-09-03
PRIOR APPLICATION NUMBER: US 09/146,950
PRIOR FILING DATE: 1998-09-03
NUMBER OF SEO ID NOS: 58
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SEQ ID NO 27
LENGTH: 126
TYPE: DNA
ORGANISM: Homo sapiens
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APPLICANT: Busfield
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NAME/KEY: CDS
LOCATION: (1)...(126)
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NAME/KEY: CDS
LOCATION: (1)...(126)
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ORGANISM: Homo sapiens
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                                                                                                                                                                                                                                                                                                                                                                                                                                           Local Similarity
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89.5%;
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89.5%;
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Pred. No. 4.
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Pred. No. 4
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PILE REPERENCE: MBIO98-061CP1CN1(M)
CURRENT APPLICATION NUMBER: US/09/934,289A
CURRENT FILING DATE: 2001-08-21
PRIOR APPLICATION NUMBER: US 09/342,767
PRIOR PILING DATE: 1999-06-29
PRIOR APPLICATION NUMBER: US 09/146,950
PRIOR FILING DATE: 1998-09-03
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 53
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APPLICANT: Busfield, Samantha J.
TITLE OF INVENTION: NOVEL MOLECULES OF THE
TITLE OF INVENTION: HERPESVIRUS-ENTRY-MEDIATOR-RELATED
TITLE OF INVENTION: PROTEIN PAMILY AND USES THEREOF
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Best Local Similarity
Matches 17; Conserv
                                                                                                                                                                                                                                                                  Sequence 11, Application US/10932991 Publication No. US20050013827A1
                                                                                                                                                                                                                                                 GENERAL INFORMATION
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Best Local Similarity
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PILE REFERENCE: MBIO98-061CP1CN1(M)
CURRENT APPLICATION NUMBER: US/10/932,991
CURRENT FILING DATE: 2004-09-01
PRIOR APPLICATION NUMBER: US/09/934,289
PRIOR FILING DATE: 2001-08-21
PRIOR APPLICATION NUMBER: US 09/342,767
PRIOR APPLICATION NUMBER: US 09/342,767
PRIOR APPLICATION NUMBER: US 09/146,950
PRIOR APPLICATION NUMBER: US 09/146,950
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: (1) ...(126)
                                                                                                                                                           APPLICANT: Busfield, Samantha J.
TITLE OF INVENTION: NOVEL MOLECULES OF THE
TITLE OF INVENTION: HERPESVIRUS-ENTRY-MEDIATOR-RELATED
TITLE OF INVENTION: PROTEIN FAMILY AND USES THEREOF
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LOCATION: (1)...(126)
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ORGANISM: Homo sapiens
FEATURE:
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Pred. No. 4.2e+02;
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Pred. No. 4.2e+02;
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US-10-932-991-39; Sequence 39, Application US/10932991; Publication No. US20050013827A1
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; LOCATION: (1)...(126)
US-10-932-991-27
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Matches
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APPLICANT: Busfield, Samantha J.
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Best Local Similarity
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LENGTH: 126
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ORCANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: (1)...(126)
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SOFTWARE: FastSEQ for Windows Version 3.0
                                                      TITLE OF INVENTION: NOVEL MOLECULES OF THE TITLE OF INVENTION: HERPESVIRUS-ENTRY-MEDIATOR-RELATED TITLE OF INVENTION: PROTEIN FAMILY AND USES THEREOF FILE REFERENCE: MEIO98-061CP1CN1(M) CURRENT APPLICATION NUMBER: US/10/932,991 CURRENT FILING DATE: 2004-09-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT FILING DATE: 2004-09-01
PRIOR APPLICATION NUMBER: US/09/934,289
PRIOR FILING DATE: 2001-08-21
PRIOR APPLICATION NUMBER: US 09/342,767
PRIOR PILING DATE: 1999-06-29
PRIOR APPLICATION NUMBER: US 09/146,950
PRIOR APPLICATION NUMBER: US 09/146,950
PRIOR FILING DATE: 1998-09-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILE REFERENCE: MBIO98-061CP1CN1(M)
CURRENT APPLICATION NUMBER: US/10/932,991
CURRENT FILING DATE: 2004-09-01
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TITLE OF INVENTION: NOVEL MOLECULES OF THE
TITLE OF INVENTION: HERPESVIRUS-ENTRY-MEDIATOR-RELATED
TITLE OF INVENTION: PROTEIN FAMILY AND USES THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS: 58
PRIOR APPLICATION NUMBER: US/09/934,289
PRIOR FILING DATE: 2001-08-21
PRIOR APPLICATION NUMBER: US 09/342,767
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Pred. No. 4
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4.2e+02;
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; ORGANISM: Homo sapiens
; FEATURE;
; NAME/KEY: CDS
; LOCATION: (1)...(126)
US-10-932-991-53
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US-10-932-991-39
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PRIOR APPLICATION NUMBER: US 09/146,950
PRIOR FILING DATE: 1998-09-03
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 3.
SEQ ID NO 39
                                                                                                                               Sequence 59071, Application US/10425115
Publication No. US20040214272A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
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SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 53
LENGTH: 126
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Best Local Similarity
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TITLE OF INVENTION: NOVEL MOLECULES OF THE
TITLE OF INVENTION: HERPESVIRUS-ENTRY-MEDIATOR-RELATED
TITLE OF INVENTION: PROTEIN FAMILY AND USES THEREOF
FILE REFERENCE: MBIO98-061CP1CN1(M)
CURRENT APPLICATION NUMBER: US/10/932,991
CURRENT FILING DATE: 2004-09-01
APPLICANT: La Rosa, Thomas J.
APPLICANT: Kovalic, David K.
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants
FILE REFERENCE: 38-21(53222)B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: US/09/934,289
PRIOR FILING DATE: 2001-08-21
PRIOR APPLICATION NUMBER: US 09/342,767
PRIOR FILING DATE: 1999-06-29
PRIOR APPLICATION NUMBER: US 09/146,950
PRIOR FILING DATE: 1998-09-03
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
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Pred. No. 4.2e+02;
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Pred. No. 4.2e+02;
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GENERAL INFORMATION:

APPLICANT: Wood, Marion

APPLICANT: Shenk, Michael A.

APPLICANT: Shenk, Michael A.

APPLICANT: Shenk, Annette

APPLICANT: Glenn, Matthew

TITLE OF INVENTION: Compositions and Methods for the

TITLE OF INVENTION: Modification of Gene Transcription

FILE REFERENCE: 11000.1021C2

CURRENT APPLICATION NUMBER: US/10/856,499

CURRENT FILING DATE: 2004-05-28

NUMBER OF SEQ ID NOS: 2370

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 1466
                                                                                                                                                                       Sequence 5377, Application US/10156761
Publication No. US20030119018A1
GENERAL INFORMATION:
APPLICANT: OMURA, SATOSHI
APPLICANT: IKEDA, HARUO
APPLICANT: ISHIKAWA, JUN
APPLICANT: HORIKAWA, HIROSHI
APPLICANT: SHIBA, TADAYOSHI
APPLICANT: SHIBA, TADAYOSHI
APPLICANT: HATTORI, MASAHIRA
APPLICANT: HATTORI, MASAHIRA
TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
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US-10-856-499-1466
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SEQ ID NO 59071
LENGTH: 308
TYPE: DNA
ORGANISM: Zea mays
FEATURE:
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Sequence 1466, Application US/10856499
Publication No. US20040259145A1
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Best Local Similarity
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SEQ ID NO 5377
              FILE REFERENCE: 249-262
CURRENT APPLICATION NUMBER: US/10/156,761
CURRENT FILING DATE: 2002-05-29
PRIOR APPLICATION NUMBER: JP 2001-204089
PRIOR FILING DATE: 2001-05-30
PRIOR APPLICATION NUMBER: JP 2001-272697
PRIOR APPLICATION NUMBER: JP 2001-272697
PRIOR FILING DATE: 2001-08-02
NUMBER OF SEQ ID NOS: 15109
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CURRENT FILING DATE: 2003-04-28
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89.5%;
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Pred. No. 3.6e+02;
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Pred. No. 3.5e+02;
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Sequence 31. Application US/09934289A

| Patent No. US20020132297A1
| GENERAL INFORMATION: HERPESYNTUS OF THE TITLE OF INVENTION: HOLECULES OF THE TITLE OF INVENTION: HERPESYNTUS ENTRY-MEDIATOR-RELATED TITLE OF INVENTION: PROTEIN FAMILY AND USES THEREOF PLICE REFERENCE: MBIO98-061CP1CN1(M)
| CURRENT APPLICATION NUMBER: US/09/934,289A | CURRENT FAMILY DATE: 2001-08-21 |
| PRIOR APPLICATION NUMBER: US 09/342,767 |
| PRIOR APPLICATION NUMBER: US 09/342,767 |
| PRIOR APPLICATION NUMBER: US 09/342,767 |
| PRIOR APPLICATION NUMBER: US 09/146,950 |
| PRIOR FILING DATE: 1998-09-03 |
| NUMBER OF SEQ ID NOS: 58 |
| COPTADADE: PRIOR FILING DATE: 1998-09-03 |
| PRIOR FILING DATE: 1998-09-03 |
GENERAL INFORMATION:

APPLICANT: Busfield, Samantha J.

TITLE OF INVENTION: HOVEL MOLECULES OF THE

TITLE OF INVENTION: HERPESVIRUS-ENTRY-MEDIATOR-RELATED

TITLE OF INVENTION: PROTEIN FAMILY AND USES THEREOF

FILE REFERENCE: MEDOS8-061CPICN1(M)

CURRENT APPLICATION NUMBER: US/10/932,991

CURRENT FILING DATE: 2004-09-01

PRIOR APPLICATION NUMBER: US/09/934,289

PRIOR APPLICATION NUMBER: US/09/934,289

PRIOR APPLICATION NUMBER: US/09/342,767

PRIOR APPLICATION NUMBER: US/09/342,767

PRIOR FILING DATE: 1999-06-29

PRIOR FILING DATE: 1999-06-29

PRIOR APPLICATION NUMBER: US 09/342,767

PRIOR FILING DATE: 1999-06-29

PRIOR APPLICATION NUMBER: US 09/146,950

PRIOR FILING DATE: 1999-06-3

NUMBER OF SEG ID NOS: 58

SOFTWARE: FastSEQ for Windows Version 3.0
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US-09-934-289A-31
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LENGTH: 558
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Best Local Similarity
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ORGANISM: Homo sapiens
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89.5%;
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Pred. No. 3.
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Pred. No. 3.3e+02;
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; NAME/KEY: CDS
; LOCATION: (1)...(579)
US-09-934-289A-3
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LENGTH: 558
                                                                                                                                                                                     Sequence 3, Application US/10932991
Publication No. US20050013827A1
GENERAL INFORMATION:
APPLICANT: Busfield, Samantha J.
TITLE OF INVENTION: NOVEL MOLECULES OF THE
TITLE OF INVENTION: HERESSVIRUS-ENTRY-MEDIATOR-RELATED
TITLE OF INVENTION: PROTEIN FAMILY AND USES THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION: APPLICANT: Busfield,
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Best Local Similarity
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CURRENT FILING DATE: 2001-08-21
PRIOR APPLICATION NUMBER: US 09/342,767
PRIOR FILING DATE: 1999-06-29
PRIOR APPLICATION NUMBER: US 09/146,950
PRIOR FILING DATE: 1998-09-03
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 3.0
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TITLE OF INVENTION: NOVEL MOLECULES OF THE
TITLE OF INVENTION: HERPESVIRUS-ENTRY-MEDIATOR-RELATED
TITLE OF INVENTION: PROTEIN FAMILY AND USES THEREOF
              PRIOR APPLICATION NUMBER: US/09/934,289
PRIOR FILING DATE: 2001-08-21
PRIOR APPLICATION NUMBER: US 09/342,767
PRIOR FILING DATE: 1999-06-29
PRIOR APPLICATION NUMBER: US 09/146,950
PRIOR FILING DATE: 1998-09-03
                                                                                                                          FILE REFERENCE: MBIO98-061CP1CN1(M)
CURRENT APPLICATION NUMBER: US/10/932,991
CURRENT FILING DATE: 2004-09-01
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ORGANISM: Homo sapiens
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1 Similarity 89.5%;

17; Conservation
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SEQ ID NOS:
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Pred. No. 3.3e-
0; Mismatches
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Pred. No. 3.3e+02;
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GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Busfield, Samantha J.
TITLE OF INVENTION: NOVEL MOLECULES OF THE
TITLE OF INVENTION: HERPESVIRUS-ENTRY-MEDIATOR-RELATED
TITLE OF INVENTION: PROTEIN FAMILY AND USES THEREOF
FILE REFERENCE: MBIO98-061CP1CN1 M)
CURRENT APPLICATION NUMBER: US/10/932/991
CURRENT FILING DATE: 2004-09-01
PRIOR APPLICATION NUMBER: US/9/934,289
FRIOR APPLICATION NUMBER: US/9/934,767
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Best Local Similarity
Thes 17; Conserve
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; LOCATION: (1)
US-09-934-289A-19
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US-10-932-991-3
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APPLICANT: Busfield, Samantha J.
TITLE OF INVENTION: NOVEL MOLECULES OF THE
TITLE OF INVENTION: HERPESVIRUS-ENTRY-MEDIATOR-RELATED
TITLE OF INVENTION: PROTEIN FAMILY AND USES THEREOF
FILE REFERENCE: MBIO98-061CP1CN1 (M)
CURRENT APPLICATION NUMBER: US/09/934,289A
CURRENT FILING DATE: 2001-08-21
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Matches
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SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 19
                                                                                                                                                                                                                                               Sequence 19, Appublication No
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ORGANISM: Homo s
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: US 09/342,767
PRIOR FILING DATE: 1999-06-29
PRIOR APPLICATION NUMBER: US 09/146,950
                                 PRIOR FILING DATE: 1999-06-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR FILING DATE: 1998-09-03
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NAME/KEY: CDS
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APPLICATION NUMBER: US 09/146,950 FILING DATE: 1998-09-03
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17; Conserv
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                                                                                                                                                                                                                                              Application US/10932991 No. US20050013827A1
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Pred. No. 3.
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Pred. No. 3.3e+02;
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RESULT 28
US-09-934-289A-43
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APPLICANT: HORIKAWA, HIROSHI
APPLICANT: SHIBA, TADAYOSHI
APPLICANT: SAKAKI, YOSHIYUKI
APPLICANT: SAKAKI, YOSHIYUKI
APPLICANT: HATTORI, MASAHIRA
TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
FILE REFERENCE: 249-262
FULE RAPPLICATION NUMBER: US/10/156,761
CURRENT FILING DATE: 2002-05-29
PRIOR APPLICATION UNMBER: JP 2001-204089
PRIOR APPLICATION NUMBER: JP 2001-204089
PRIOR APPLICATION NUMBER: JP 2001-204089
PRIOR APPLICATION NUMBER: JP 2001-272697
PRIOR APPLICATION NUMBER: JP 2001-272697
PRIOR FILING DATE: 2001-08-02
NUMBER DATE: 2011-08-02
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; NAME/KEY: CDS
; LOCATION: (1)...(591)
US-10-932-991-19
                                                                                                                                                                       Sequence 43, Application US/09934289A Patent No. US20020132297A1 GENERAL INFORMATION:
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SEQ ID NO 6873
LENGTH: 672
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Best Local Similarity
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CURRENT APPLICATION NUMBER: US/09/934,289A
CURRENT FILING DATE: 2001-08-21
PRIOR APPLICATION NUMBER: US 09/342,767
PRIOR FILING DATE: 1999-06-29
                                                                        APPLICANT: Busfield, Samantha J.

TITLE OF INVENTION: HERPESVIRUS-ENTRY-MEDIATOR-RELATED
TITLE OF INVENTION: PROTEIN FAMILY AND USES THEREOF
FILE REFERENCE: MBIO98-061CF1CN1(M)
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APPLICANT: IKEDA, HARUO
APPLICANT: ISHIKAWA, JUN
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA ORGANISM: Streptomyces avermitilis FEATURE:
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ORGANISM: Homo sapiens
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LOCATION: (1).
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Local Similarity 89.5%;
les 17; Conservation
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Pred. No. 3.2e+02;
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Pred. No. 3
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; LOCATION: (1)...(831)
US-09-934-289A-43
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US-10-932-991-43
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                                                                                            Sequence 15745, Application US/10363345A
Publication No. US20040234960A1
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
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Best Local Similarity 89.9
Matches 17; Conservative
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LENGTH: 831
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PRIOR FILING DATE: 2001-08-21
PRIOR APPLICATION NUMBER: US 09/342,767
PRIOR FILING DATE: 1999-06-29
PRIOR APPLICATION NUMBER: US 09/146,950
PRIOR FILING DATE: 1998-09-03
NUMBER OF SEQ ID NOS: 58
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                TITLE OF INVENTION: Method for determining the degree of methylation of defined ITITLE OF INVENTION: cytosines in genomic DNA in the sequence context of 5'-CpG-3 FILE REFERENCE: E01/1227 CURRENT APPLICATION NUMBER: US/10/363,345A
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CURRENT FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Homo sapiens
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ORGANISM: Homo
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10. US20050013827A1
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  2003-03-03
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89.5%;
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; OTHER INFORMATION:
; OTHER INFORMATION:
US-10-363-483A-15745
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US-10-363-345A-15746
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SEQ ID NO 15745
                                                                                                         NUMBER OF SEQ ID NOS: 40712
SEQ ID NO 15745
LENGTH: 840
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Best Local Similarity
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APPLICANT: Kurt Berlin
TITLE OF INVENTION: Method for determining the degree of methylation of defined
TITLE OF INVENTION: Cytosines in genomic DNA in the sequence context of 5'-CpG-3
TITLE REFERENCE: 801/1227
CURRENT APPLICATION NUMBER: US/10/363,345A
CURRENT FILING DATE: 2003-03-03
                                                                                                                                                              TITLE OF INVENTION: Diagnosis of illnesses or predisposition to certain TITLE OF INVENTION: illnesses FILE REFERENCE: 82011 CURRENT APPLICATION NUMBER: US/10/363,483A CURRENT FILING DATE: 2003-03-03
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                                                                                                                                                                                                                                                        APPLICANT: Christian Piepenbrock APPLICANT: Kurt Berlin
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                                                                 TYPE: DNA ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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                  chemically treated genomic DNA (Homo sapiens) CpG-island No: 15745
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Pred. No. 3.1e
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Pred. No. 3
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3.1e+02;
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Sequence 31339, Application US/10363345A
Publication No. US20040234960A1
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Method for determining th
TITLE OF INVENTION: Cytosines in genomic DNJ
FILE REFERENCE: E01/1227
CURRENT APPLICATION NUMBER: US/10/363,345A
CURRENT FILING DATE: 2003-03-03
                                                                                                                        ; OTHER INFORMATION: chemically treated genomic ; OTHER INFORMATION: CpG-island No: 31339 US-10-363-345A-31339
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Matches
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CURRENT FILING DATE: 2003-03-03
NUMBER OF SEQ ID NOS: 40712
SEQ ID NO 15746
LENGTH: 840
TYPE: DNA
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                                                                             Query Match
Best Local :
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SEQ ID NO 31339
LENGTH: 841
                                                              Matches
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
                                                                                                                                                                              TYPE: DNA
ORGANISM: Artificial Sequence
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89.5%;
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Pred. No. 3.1e+02;
                                                                                                                                                                                                                                                                                                                    determining the degree of methylation of defined in genomic DNA in the sequence context of 5'-CpG-3
                                                                             Score 15.8;
Pred. No. 3
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Pred. No. 3.
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US-10-363-345A-31340/c
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Publication No. US20050064401A1
GEMERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: blagnosis of illnesses
TITLE OF INVENTION: illnesses
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Matches
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NUMBER OF SEQ ID NOS: 40712
SEQ ID NO 31339
LENGTH: 841
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Best Local Similarity
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                                                    GENERAL INFORMATION:
                                                                   Sequence 31340, Application US/10363483A Publication No. US20050064401A1
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APPLICANT: Christian Pie
APPLICANT: Kurt Berlin
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILE REFERENCE: 82011
CURRENT APPLICATION NUMBER: US/10/363,483A
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                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Artificial Sequence FEATURE:
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
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Pred. No. 3.1e+02;
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Pred. No. 3
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                                                                 Best Loc
Matches
                                                                                                                                                  SEQ ID NO 38
LENGTH: 852
TYPE: DNA
ORGANISM: Homo sapiens
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Matches 17; Conserv
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LENGTH: 841
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CURRENT FILING DATE: 2004-02-11
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CURRENT APPLICATION UMBER: US/10/363,483A
CURRENT FILING DATE: 2003-03-03
CURRENT FILING DATE: 40712
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: Diagnosis of illnesses or predisposition to certain TITLE OF INVENTION: illnesses
                                                                                                                                                                                                                                    Remaining Prior Application data removed NUMBER OF SEQ ID NOS: 2222
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PRIOR
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APPLICANT: Turner, Andrew J.
TITLE OF INVENTION: Albumin Fusion Proteins
                                                                                                                                                                                                                         SOFTWARE:
                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: 60/351,360 PRIOR FILING DATE: 2002-01-28
                                                                                                                                                                                                                                                                                                                                                             PRIOR FILING DATE: 2002-10-11
PRIOR APPLICATION NUMBER: 60/420,246
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ORGANISM: Artificial Sequence
                                                                                 Local
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APPLICATION NUMBER: 60/414,984
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: 60/398,008 FILING DATE: 2002-07-24
                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: 60/423,623
                                                                                                                                                                                                                                                                                                                                               FILING DATE: 2002-10-2
                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE:
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No. US20050186664A1
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89.5%;
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                                                                 Score 15.8; DB y;
Pred. No. 3.1e+02;
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Pred. No. 3.1e+02;
333
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                                                                                                 Length 852;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (Homo sapiens)
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RESULT 39 US-10-775-204-116

Application US/10775204

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CURRENT APPLICATION NUMBER: US/11/097,143
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: 60/157,832
PRIOR FILLING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: 60/160,191
PRIOR FILLING DATE: 1999-10-19
PRIOR FILLING DATE: 1999-10-28
PRIOR FILLING DATE: 1999-10-28
PRIOR FILLING DATE: 1999-10-28
PRIOR APPLICATION NUMBER: 60/164,769
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQ ID NO 116
LENGTH: 852
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                      Sequence 12464, Application US/11097143 Publication No. US20050208558A1 GENERAL INFORMATION:
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CURRENT APPLICATION NUMBER: US/10/775,204
CURRENT FILING DATE: 2004-02-11
PRIOR APPLICATION NUMBER: 60/341,811
PRIOR FILING DATE: 2001-12-21
PRIOR APPLICATION NUMBER: 60/360,000
PRIOR APPLICATION NUMBER: 60/360,000
PRIOR PILING DATE: 2002-02-28
                                                                                                                                                                                                  APPLICANT: Venter, J. Craig
APPLICANT: et al.
TITLE OF INVENTION: DETECTION KIT, SUCH AS
TITLE OF INVENTION: ARRAYS, FOR DETECTING
TITLE OF INVENTION: DROSOPHILA GENES.
FILE REFERENCE: CL000728
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: 60/414,984
PRIOR FILING DATE: 2002-10-02
PRIOR APPLICATION NUMBER: 60/417,611
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PRIOR
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PRIOR
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TITLE OF INVENTION: Albumin Fusion Proteins
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR FILING DATE: 2002-01-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: 60/411,355
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Local Similarity 89.5%;
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APPLICATION NUMBER: 60/398,008
FILING DATE: 2002-07-24
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APPLICATION NUMBER: 60/351,360
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tine, William A.
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Pred. No. 3.
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EXPRESSION OF 10,000 OR MORE
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PRIOR APPLICATION NUMBER: 60/173,383
PRIOR FILING DATE: 1999-12-28
PRIOR APPLICATION NUMBER: 60/175,693
PRIOR FILING DATE: 2000-01-12
PRIOR APPLICATION NUMBER: 60/184,831
PRIOR APPLICATION NUMBER: 60/184,831
PRIOR FILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: 60/191,637
PRIOR FILING DATE: 2000-03-23
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APPLICANT: Wang, Liangsu
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 12464
LENGTH: 969
Remaining Prior Application data removed -
NUMBER OF SEQ ID NOS: 78614
SOFTWARE: PatentIn version 3.1
SEQ ID NO 11581
LENGTH: 1029
TYPE: DNA
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Best Local Similarity
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                                                                                                                   PRIOR FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: 60/269,308
PRIOR FILING DATE: 2001-02-16
                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: 60/257,931 PRIOR FILING DATE: 2000-12-22
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PRIOR APPLICATION NUMBER: 60/230,335
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PRIOR APPLICATION NUMBER: 60/207,727
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CURRENT FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: 60/191,078
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Carr, Grant
Carr, Grant
Robert
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Malone, Cheryl
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Zyskind, Judith
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Pred. No. 3e+02;
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; OTHER INFORMATION: Clone ID: PAT_MRT4530_6281C.1
US-10-437-963-61381
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Best Local Similarity
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LENGTH: 1055
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                              SEQ ID NO 2535
LENGTH: 1081
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                                                                                                                                                                                                  APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                    Sequence 2535, Application US/10425114
Publication No. US20040034888A1
                                                              APPLICANT: Tabaská, Jack E
APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(5331)B
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 73128
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement FILE REFERENCE: 38-21(53221)B CURRENT APPLICATION NUMBER: US/10/437,963 CURRENT FILLING DATE: 2003-05-14 NUMBER OF SEQ ID NOS: 204966
                                                                                                                                                                                                                                    APPLICANT: Liu, Jingdong APPLICANT: Zhou, Yihua
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: La Rosa, Thomas J. APPLICANT: Kovalic, David K.
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NAME/KEY: unsure
LOCATION: (1)..(1055)
OTHER INFORMATION: unsure at all n locations
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Oryza sativa
ORGANISM: Zea mays
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mes 17; Conserv
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Kovalic, David K.
Screen, Steven E
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Boukharov, Andrey A.
Barbazuk, Brad
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Cao, Y
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Pred. No. 3e+02;
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Pred. No. 3
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Query Match
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US-10-322-281-545
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                                                                                                US-10-322-281-545
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                                                                                                                                                         NUMBER OF SEQ ID NOS:
SOFTWARE: FastSEQ for
SEQ ID NO 545
                                                                                                                                                                                                                                                                                                       Sequence 545, Application US/10322281 Publication No. US20040126762A1 GENERAL INFORMATION:
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SEQ ID NO 5859
LENGTH: 1476
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APPLICANT: La Rosa, Thomas
                              Matches
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                                                              Query Match
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Best Local
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                                                                                                                                                                                                        APPLICANT: David W. Morris
APPLICANT: Marc S. Malandro
TITLE OF INVENTION: Novel Compositions and Methods in Cancer
FILE REFERENCE: 529452001000
CURRENT APPLICATION NUMBER: US/10/322,281
CURRENT FILING DATE: 2002-12-17
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                                                                                                          TYPE: DNA
ORGANISM: Homo sapiens
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
                                                                                                                                             LENGTH: 1558
                                                Local Similarity
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Zhou, Yihua
Cao, Yongwei
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                                 Conservative
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89.5%;
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Pred. No. 2.9e+02
                                               Score 15.8; DB 7;
Pred. No. 2.8e+02;
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Pred. No. 2.
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RESULT 46
US-09-934-289A-17
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SEQ ID NO 17
LENGTH: 1596
TYPE: DNA
        Best Loc
Matches
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Publication No. US20050013827A1
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Best Local Similarity
                                                 Query Match
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ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: (107)...(697)
                                                                                                                                                                                                                                                                                            CURRENT FILING DATE: 2004-09-01
PRIOR APPLICATION NUMBER: US/09/934,289
PRIOR FILING DATE: 2001-08-21
PRIOR APPLICATION NUMBER: US 09/342,767
PRIOR FILING DATE: 1999-06-29
PRIOR APPLICATION NUMBER: US 09/146,950
PRIOR APPLICATION NUMBER: US 09/146,950
PRIOR FILING DATE: 1998-09-03
                                                                                                                                                                                                                                                                                                                                                                                                                            FILE REFERENCE: MBIO98-061CP1CN1(M)
CURRENT APPLICATION NUMBER: US/10/932,991
CURRENT FILING DATE: 2004-09-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Busfield, Samantha J.

TITLE OF INVENTION: NOVEL MOLECULES OF THE
TITLE OF INVENTION: HERPESVIRUS-ENTRY-MEDIATOR-RELATED
TITLE OF INVENTION: PROTEIN FAMILY AND USES THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILE REFERENCE: MBIO98-061CP1CN1(M)
CURRENT APPLICATION NUMBER: US/09/934,289A
CURRENT FILING DATE: 2001-08-21
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TITLE OF INVENTION: NOVEL MOLECULES OF THE
TITLE OF INVENTION: HERPESVIRUS-ENTRY-MEDIATOR-RELATED
TITLE OF INVENTION: PROTEIN FAMILY AND USES THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR FILING DATE: 1998-09-03
NUMBER OF SEQ ID NOS: 58
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: US 09/342,767
PRIOR FILING DATE: 1999-06-29
PRIOR APPLICATION NUMBER: US 09/146,950
                                                                                                                                                                                                                                                                                  NUMBER OF SEQ ID NOS:
                                                                                                              NAME/KEY: CDS
LOCATION: (107)...(697)
                                                                                                                                                    ORGANISM: Homo sapiens FEATURE:
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y Match 83.2%;
Local Similarity 89.5%;
les 17; Conservative
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89.5%;
      Score 15.8; D
Pred. No. 2.8e
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Pred. No. 2.8e+02;
0; Mismatches 2;
                         8; DB 8;
2.8e+02;
                                             Length 1596;
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Best Local S
Matches 17
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                                                                                                                                                                                                                                                   PRIOR FILING DATE: 2002-04-12
NUMBER OF SEQ ID NOS: 46
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1
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                                                           Matches
                                                                        Query Match
Best Local Similarity
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CURRENT APPLICATION NUMBER: US/10/939,359
CURRENT FILING DATE: 2004-09-14
PRIOR APPLICATION NUMBER: PCT/US03/10955
PRIOR FILING DATE: 2003-04-10
PRIOR APPLICATION NUMBER: 60/371,722
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR FILING DATE: 1999-10-26
PRIOR APPLICATION NUMBER: PCT/US98/09744
PRIOR FILING DATE: 1998-05-12
PRIOR APPLICATION NUMBER: 60/046,249
PRIOR FILING DATE: 1997-05-12
NUMBER OF SEQ ID NOS: 4
SOFTMARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/10/020,787
CURRENT FILING DATE: 2001-12-14
PRIOR APPLICATION NUMBER: 09/403,815
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APPLICANT: Holmes, Stephen D.
APPLICANT: Reddy, Manjulla P.
APPLICANT: Truneh, Alemseged
TITLE OF INVENTION: Receptor-Like 2 (TR2) Antil
FILE REFERENCE: GH50027C1
                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Human Genome Sciences, Inc. TITLE OF INVENTION: Antibodies that Specifically Bind to TR2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 1704
TYPE: DNA
ORGANISM: Homo sapien
                                                                                                                                                                                                 LENGTH: 1704
TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                             NAME/KEY: CDS
LOCATION: (265)..(1113)
                                                                                                                                                                                    FEATURE:
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1 GCGCGAGAGCCCGAACTGC 19
                                                       17; Conservative
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89.5%;
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Pred. No. 2.7e+02;
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RESULT 50
US-09-924-231-1
; Sequence 1, Application US/09924231
; Patent No. US20020102644A1
; GENERAL INFORMATION:
; APPLICANT: SPEAR, Patricia G.
; APPLICANT: NUMSER: US/09924,231
CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMSER: US/09/924,231
CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMSER: 09/333,279
; PRIOR APPLICATION NUMSER: 09/
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Minimum
Maximum
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No.
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Perfect score:
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1: /cgn2_6/ptodata/2/pubpna/US08_NEW_PUB.seq:*

2: /cgn2_6/ptodata/2/pubpna/US08_NEW_PUB.seq:*

3: /cgn2_6/ptodata/2/pubpna/US07_NEW_PUB.seq:*

4: /cgn2_6/ptodata/2/pubpna/PCT_NEW_PUB.seq:*

5: /cgn2_6/ptodata/2/pubpna/US09_NEW_PUB.seq:*

6: /cgn2_6/ptodata/2/pubpna/US10_NEW_PUB.seq:*

7: /cgn2_6/ptodata/2/pubpna/US11_NEW_PUB.seq:*

8: /cgn2_6/ptodata/2/pubpna/US11_NEW_PUB.seq:*

9: /cgn2_6/ptodata/2/pubpna/US11_NEW_PUB.seq3:*

10: /cgn2_6/ptodata/2/pubpna/US10_NEW_PUB.seq3:*
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Query
Match
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Maximum Match 100%
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Sequence 3, Application US/10987663

| Publication No. US20050272118A1
| GENERAL INFORMATION:
| APPLICANT: CLARK, HILARY
| APPLICANT: CLARK, HILARY
| APPLICANT: CLARK, HILARY
| APPLICANT: WRANIK, BERND
| APPLICANT: OUYANG, WENJUN
| APPLICANT: UOYET, KELLY M.
| APPLICANT: LOYET, KELLY M.
| TITLE OF INVENTION: Immune Related Diseases
| FILE REFERENCE: P1996R1P1-US
| CURRENT APPLICATION NUMBER: US/10/987,663
| CURRENT APPLICATION NUMBER: US 60/421,236
| PRIOR APPLICATION NUMBER: US 60/421,336
| PRIOR APPLICATION NUMBER: US 10/371,341
| PRIOR FILING DATE: 2002-10-25
| PRIOR FILING DATE: 2003-02-19
| NUMBER OF SEQ ID NOS: 10
RESULT 2
US-10-858-730-143/c
,; Sequence 143, Application US/10858730
                                                                                                                                                                                                                                                     ; TYPE: DNA; ORGANISM: Homo sapiens US-10-987-663-3
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Best Local S
Matches 17
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LENGTH: 1049
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                                                                                                 GCGCGCGAGCCGGAACTGC 414
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US-10-750-623-62601
US-10-750-185-625-185-64735
US-11-136-527-2975
US-10-750-185-24648
US-10-750-185-24648
US-10-750-185-26183
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US-10-750-185-60288
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US-10-750-185-9088
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Pred. No. 81;
0; Mismatches
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CURRENT APPLICATION NUMBER: US/10/858,730
CURRENT FILING DATE: 2004-06-01
PRIOR APPLICATION NUMBER: US 60/475,000
PRIOR FILING DATE: 2003-05-30
PRIOR APPLICATION NUMBER: US 60/551,860
PRIOR FILING DATE: 2004-03-10
NUMBER OF SEQ ID NOS: 364
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 143
LENGTH: 3579
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US-11-117-187-204/c
US-11-117-187-204/c
; Sequence 204, Application US/11117187
; Publication No. US20050266560A1
; GENERAL INFORMATION:
RESULT 4
US-11-121-849-40715
; Sequence 40715, Application US/11121849
                                                                                                                                                                                                                                                   ; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
US-11-117-187-204
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Matches 15
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SEQ ID NO 204
LENGTH: 109974
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APPLICANT:
APPLICANT:
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APPLICANT: COPENHAVER, GREGORY
TITLE OF INVENTION: PLANT ARTIFICIAL CHROMOSOME COMPOSITIONS AND METHODS
FILE REFERENCE: ARCD:309US
CURRENT APPLICATION NUMBER: US/11/117,187
CURRENT FILING DATE: 2005-04-28
PRIOR APPLICATION NUMBER: US/9/531,120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Trueheart, Joshua
APPLICANT: Walbridge, Michael J.
APPLICANT: Yorgey, Peter S.
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR AMINO ACID
TITLE OF INVENTION: PRODUCTION
                                                                                                                                                                                                                                                                                                                                                                   PRIOR FILING DATE: 1999-03-18 NUMBER OF SEQ ID NOS: 212
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PRIOR APPLICATION NUMBER: 60/125,219
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA ORGANISM: Mycobacterium tuberculosis
                                                                                                 22581 CGÁGAGCCCGAÁCTG
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O'Toole, George
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y 100.0%; Pr
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; Pred. No.
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3. 1.2e+02;
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; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-11-121-849-267686
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FILE REFERENCE: 3684.1

CURRENT APPLICATION NUMBER: US/11/121,849

CURRENT FILING DATE: 2005-05-03

PRIOR APPLICATION NUMBER: 60/567,949

PRIOR APPLICATION NUMBER: 60/567,949

PRIOR FILING DATE: 2004-05-03

NUMBER OF SEQ ID NOS: 673904

SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1

SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
                                                                                                                                                                                                                                        Sequence 35163, Application US/10750185 Publication No. US20050260603A1 GENERAL INFORMATION:
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TITLE OF INVENTION: Methods of Genetic Analysis of Formalin Fixed Paraffin Embedded
TITLE OF INVENTION: Microarrays
FILE REFERENCE: 3684.1
CURRENT APPLICATION NUMBER: US/11/121,849
CURRENT FILING DATE: 2005-05-03
PRIOR APPLICATION NUMBER: 60/567,949
PRIOR FILING DATE: 2004-05-03
NUMBER OF SEQ ID NOS: 673904
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
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APPLICANT: ROSENFELD, David
APPLICANT: HOLM, Tom
APPLICANT: BATES, Stephen
APPLICANT: FANTIN, Dennis
TITLE OF INVENTION: COMPOSITIONS FOR INFERRING BOVINE TRAITS
FILE REFERENCE: MMILIO0-2
CURRENT APPLICATION NUMBER: US/10/750,185
CURRENT FILING DATE: 2003-12-31
                                                                                                                                                                                               APPLICANT: MMI GENOMICS, INC. APPLICANT: DENISE, Sue K.
                                                                                                                                                                               APPLICANT:
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Local Similarity 84.2%;
es 16; Conservative
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Local Similarity 84.2%;
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KERR, Richard
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Pred. No. 6.7e+02;
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Pred. No. 6.
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SOFTWARE: Seq SEQ ID NO 7411

NUMBER OF SEQ ID NOS: 9218

SeqWin99,

version 1.04

CURRENT APPLICATION NUMBER: US/10/467,657 CURRENT FILING DATE: 2003-08-11 PRIOR APPLICATION NUMBER: GB-0103424.8 PRIOR FILING DATE: 2001-02-12

TITLE OF INVENTION: GONOCOCCAL PROTEINS AND NUCLEIC FILE REFERENCE:

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PRIOR APPLICATION NUMBER: US 60/437,482
PRIOR PILING DATE: 2003-12-31
PRIOR FILING DATE: 2002-12-31
NUMBER OF SEQ ID NOS: 64922
SOFTWARE: PatentIN version 3.1
SEQ ID NO 35163
LENGTH: 775
Type: re.
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; ORGANISM: Bovine 19866881391762
US-10-750-623-35163
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                                                                            Sequence 7411, Application US/10467657
Publication No. US20050260581A1
GENERAL INFORMATION:
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LENGTH: 775
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Best Local
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APPLICANT: HOLM, Tom
APPLICANT: BATES, Stephen
APPLICANT: FANTIN, Dennis
TITLE OF INVENTION: METHODS AND SYSTEMS FOR INFERRING BOVINE TRAITS
FILE REFERENCE: MMILIOO-1
CURRENT APPLICATION NUMBER: US/10/750,623
CURRENT FILING DATE: 2003-12-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
APPLICANT: CHIRON SpA
APPLICANT: FONTANA Magria Rita
APPLICANT: PIZZA Mariagrazia
APPLICANT: MASIGNANI Vega
APPLICANT: MONACI Elisabetta
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APPLICANT: DeNISE, Sue K.
APPLICANT: KERR, Richard
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SOFTWARE: PatentIN version 3.1
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Local Similarity 84.2%;
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                                                                                                                                                                                                                                                                                 Similarity
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84.2%;
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Pred. No. 4.
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Pred. No. 4.
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APPLICANT: FANTIN, Dennis
TITLE OF INVENTION: COMPOSITIONS FOR INFERRING BOVINE TRAITS
FILE REFERENCE: MMILIO0-2
CURRENT APPLICATION NUMBER: US/10/750,185
CURRENT FILING DATE: 2003-12-31
PRIOR APPLICATION NUMBER: US 60/437,482
PRIOR APPLICATION NUMBER: US 60/437,482
PRIOR FILING DATE: 2002-12-31
NUMBER OF SEQ ID NOS: 64922
SOFTWARE: Patentin version 3.1
SEQ ID NO 41160
LENGTH: 935
TYPE: DNA
COCANITY DNA
COCANITY DNA
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US-10-750-623-41160
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                            APPLICANT: FANTIN, Definis
TITLE OF INVENTION: METHODS AND SYSTEMS FOR INFERRING BOVINE TRAITS
FILE REFERENCE; MMI1100-1
CURRENT APPLICATION NUMBER: US/10/750,623
CURRENT FILING DATE: 2003-12-31
PRIOR APPLICATION NUMBER: US 60/437,482
PRIOR FILING DATE: 2002-12-31
RIOR APPLICATION NUMBER: US 60/437,482
PRIOR FILING DATE: 2002-12-31
NUMBER OF SEQ ID NOS: 64922
SOFTWARE: PatentIN version 3.1
SEQ ID NO 41160
LENGTH: 935
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                                                                                                                                                                                                                                                                                         APPLICANT: MMI GENOMICS, INC. APPLICANT: DENISE, Sue K. APPLICANT: KERR, Richard
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ORGANISM: Bovine
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KERR, Richard
ROSENFELD, David
HOLM, Tom
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                                                                                                                                                                                                                                     BATES, Stephen
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84.28;
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84.2%; Pred. No. 4.
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Pred. No. 4.6e+02;
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-623-155-158
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TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
TITLE OF INVENTION: AND DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121.455C20
CURRENT APPLICATION NUMBER: US/10/623,155
CURRENT FILING DATE: 2003-07-17
NUMBER OF SEQ ID NOS: 560
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 158
LENGTH: 2099
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US-10-623-155-158
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                                                      US-11-000-688-560
                                                                                                                                                                                                                                                                                           Sequence 560, Application US/11000688
Publication No. US20050287544A1
GENERAL INFORMATION:
APPLICANT: BERTUCCI, Francois
APPLICANT: BIRDBAUM, Daniel
APPLICANT: DIRBBAUM, Daniel
TITLE OF INVENTION: GENE EXPRESSION PROFILING OF COLON CANCER WITH DNA ARRAYS
FILE REFERENCE: 1423-R-03
CURRENT APPLICATION NUMBER: US/11/000,688
CURRENT FILING DATE: 2004-12-01
PRIOR APPLICATION NUMBER: US 60/525,987
PRIOR FILING DATE: 2003-12-01
PRIOR FILING DATE: 2003-12-01
PRIOR FILING DATE: 2003-12-01
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SOFTWARE: Patentin version 3.2
SEQ ID NO 560
LENGTH: 2219
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Best Local Similarity
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Query Match
Best Local Similarity
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                                                              FEATURE:
NAME/KEY: misc feature
LOCATION: (1)...(2219)
OTHER INFORMATION: acyl-coenzyme a dehydrogenase,
OTHER INFORMATION: chain(ACADVL) gene.
                                                                                                                                                                              ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                  TYPE: DNA
                                                                                                                                                               OTHER INFORMATION: Description of Artificial sequences:primer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Local
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84.2%;
74.7%;
84.2%;
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Pred. No. 4.
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Pred. No. 4.3e+02
 Score
Pred.
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 14.2; DB 7;
No. 4.2e+02;
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                Length 2219;
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; TYPE: DNA
; ORGANISM: Bovine 19866880499151
US-10-750-623-38086
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US-10-750-623-38086
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; TYPE: DNA
; ORGANISM: BOVINE 19866880499151
US-10-750-185-38086
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SEQ ID NO 38086
LENGTH: 2364
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                                                                      Query Match
                                                                                                                                                                                                          APPLICANT: FANTIN, Dennis
TITLE OF INVENTION: METHODS AND SYSTEMS FOR INFERRING BOVINE TRAITS
FILE REFERENCE: MMILIO0-1
CURRENT APPLICATION NUMBER: US/10/750,623
CURRENT FILING DATE: 2003-12-31
PRIOR APPLICATION NUMBER: US 60/437,482
PRIOR FILING DATE: 2002-12-31
NUMBER OF SEQ ID NOS: 64922
COURTAINED SECO ID NOS: 64922
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                                    Matches
                                                     Best Local Similarity
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CURRENT APPLICATION NUMBER: US/10/750,185
CURRENT FILING DATE: 2003-12-31
PRIOR APPLICATION NUMBER: US 60/437,482
PRIOR FILING DATE: 2002-12-31
NUMBER OF SEQ ID NOS: 64922
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APPLICANT: BATES, Stephen
APPLICANT: FANTIN, Dennis
APPLICANT: FANTIN, Dennis
TITLE OF INVENTION: COMPOSITIONS FOR INFERRING BOVINE TRAITS
                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: MMI GENOMICS, INC. APPLICANT: DENISE, Sue K. APPLICANT: KERR, Richard
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Local Similarity 84.2%;
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1 GCGCGAGAGCCCGAACTGC 19
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HOLM, Tom
BATES, Stephen
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ROSENFOT
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                                    Conservative
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                                                     74.7%; Score 14.2; DB 6;
84.2%; Pred. No. 4.2e+02;
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                                  0; Mismatches
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Pred. No. 4.
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                                                                                                                                                                                              ; FEATURE:
; NAME/KEY: unsure
; LOCATION: 1869, 1887
; OTHER INFORMATION: unknown base
US-10-131-826A-385
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US-10-131-826A-385/c
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 RESULT 16
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LENGTH: 2749
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                                                                                                                             Matches
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                                                                                                                                                            Query Match
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APPLICANT:
APPLICANT:
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APPLICANT:
APPLICANT:
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PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: 60/059588 PRIOR FILING DATE: 1997-09-19
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                                                                                                                                                                                                                                                                                            ORGANISM: Homo Sapien
                                                                                                                                                                                                                                                                                                             TYPE: DNA
                                                                                                                                              Local
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FILING DATE: 1997-09-17
APPLICATION NUMBER: 60/059184
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: 60/059117 FILING DATE: 1997-09-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: 60/059115
FILING DATE: 1997-09-17
                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: 1997-09-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 1997-09-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: 60/059352
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                                                         906
                                                                                                                             16; Conservative
                                                                                         1 GCGCGAGAGCCCGAACTGC 19
                                                                                                                                              Similarity
                                                         GCGTGAGAGCCAGAACTTC 888
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Wood, William
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DeForge, Laura
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                                                                                                                                           74.7%;
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                                                                                                                           Score 14.2; DB 6;
Pred. No. 4.1e+02;
0; Mismatches 3;
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APPLICANT: NAKAMURA, YUSUKE
APPLICANT: KATAGIRI, Toyomasa
APPLICANT: KATAGIRI, Toyomasa
APPLICANT: NAKAGAWA, Hidewaki
TITLE OF INVENTION: METHOD FOR DIAGNOSING PANCREATIC CANCER
FILE REFERENCE: 082368-003600US
CURRENT APPLICATION NUMBER: US/11/090,739
CURRENT PILING DATE: 2005-03-24
PRIOR APPLICATION NUMBER: PCT/JP2003/011817
PRIOR FILING DATE: 2003-09-17
PRIOR FILING DATE: 2003-09-17
PRIOR APPLICATION NUMBER: US 60/555,809
PRIOR FILING DATE: 2003-02-28
PRIOR FILING DATE: 2003-02-28
PRIOR FILING DATE: 2003-02-28
PRIOR APPLICATION NUMBER: US 60/414,872
PRIOR APPLICATION NUMBER: US 60/414,872
PRIOR APPLICATION NUMBER: US 60/414,872
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Publication No. US20050281804A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: PatentIn version 3.3
SEQ ID NO 119
LENGTH: 3851
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                                                                                                                                                                                                                                                                                                         SEQ ID NO 1
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Best Local :
                                                                  Query Match 74.7
Best Local Similarity 84.7
Matches 16; Conservative
                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: METHODS FOR TREATING DISEASES CAUSED BY DEFICIENCIES OF TITLE OF INVENTION: RECOMBINANT ALPHA-L-IDURONDINASE FILE REFERENCE: 008000051CNUS01
CURRENT APPLICATION NUMBER: US/10/895,011
CURRENT FILING DATE: 2004-07-20
PRIOR APPLICATION NUMBER: US/09/993,241
PRIOR FILING DATE: 2001-11-13
PRIOR FILING DATE: 2001-11-13
PRIOR FILING DATE: 2000-11-09
PRIOR FILING DATE: 2000-11-09
PRIOR FILING DATE: 2000-11-09
PRIOR FILING DATE: 1909-11-12
NUMBER OF SEQ ID NOS: 2
SOFTWARE: FastSEQ for Windows Version 3.0
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NAME/KEY: CDS
LOCATION: (118)..(3300)
                                                                                                                                                                                                                                                             LENGTH: 6200
TYPE: DNA
                                                                                                                                                                           NAME/KEY: CDS
LOCATION: (1558)...(3510)
                                                                                                                                                                                                                     FEATURE:
                                                                                                                                                                                                                                         ORGANISM: Homo sapiens
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1 GCGCGAGAGCCCGAACTGC 19
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Similarity 84.2%;
16; Conservative
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o. US20050260639A1
                                                                                      74.7%;
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Pred. No. 4e+0
0; Mismatches
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Pred. No. 3
                                                                       Mismatches
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Best Local S
Matches 16
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Publication No. US20050255114A1
GENERAL INFORMATION:
                                                                                                                                                                              SOFTWARE: pt_SEQ_genes Version 1.0
SEQ ID NO 451
LENGTH: 7944
TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: FastSEQ for Windows Version SEQ ID NO 1
LENGTH: 6200
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                                                                               Matches
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TITLE OF INVENTION: RECOMBINANT ALPHA-L-IDURONDINASE
FILE REFERENCE: 00800051CNUS01
CURRENT APPLICATION NUMBER: US/11/038,372
CURRENT FILING DATE: 2005-01-18
PRIOR APPLICATION NUMBER: US/10/895,011
PRIOR FILING DATE: 2004-07-20
PRIOR FILING DATE: 2004-07-20
PRIOR FILING DATE: 2004-07-20
PRIOR FILING DATE: 2001-11-13
PRIOR FILING DATE: 2001-11-12
PRIOR FILING DATE: 2001-11-12
PRIOR FILING DATE: 2001-11-12
PRIOR FILING DATE: 2001-11-12
                                                                                                                      Query Match
                                                                                                                                                                                                                                                                                      FILE REFERENCE: 821A
CURRENT APPLICATION NUMBER: US/10/821,234
CURRENT FILING DATE: 2004-04-07
PRIOR APPLICATION NUMBER: US 60/462,047
PRIOR FILING DATE: 2003-04-07
NUMBER OF SEQ ID NOS: 1704
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                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Andarmani, Susan
APPLICANT: Tang, Y. Tom
TITLE OF INVENTION: Methods for Diagnosis and Treatment of Preeclampsia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Labat, APPLICANT: Stach
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LOCATION: (1558)...(3510)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Homo sapiens
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                                                                                                     Similarity
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                                                                               Conservative
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                                                                                                   74.7%;
84.2%;
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; Pred. No. 3.8e
0; Mismatches
                                                                               0;
                                                                                                   Score 14.2; DB 6;
Pred. No. 3.7e+02;
                                                                               Mismatches
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TITLE OF INVENTION: KENNECH W. Dobie
TITLE OF INVENTION: MODULATION OF NANOS 1 EXPRESSION
FILE REFERENCE: RTS-0732US
CURRENT APPLICATION NUMBER: US/10/848,724
CURRENT FILING DATE: 2004-05-18
NUMBER OF SEQ ID NOS: 121
SEQ ID NO 2
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; LENGTH: 10129
; TYPE: DNA
; ORGANISM: Meleagris gallopavo
US-11-044-111-21
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US-10-848-724-2
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; Sequence 816897, Application US/10310914A
; Publication No. US20060003322A1
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US-11-044-111-21/c
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APPLICANT: Chiang, Wen
APPLICANT: Strasburg, Gale
APPLICANT: Linz, John
                                                                                                                                                                            Sequence 2, Application US/10848724
Publication No. US20050261216A1
GENERAL INFORMATION:
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Best Local Similarity
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Shiler, Kvuzat
TITLE OF INVENTION: Bioinformatically detectable group of novel regulatory genes and
TITLE OF INVENTION: Uses thereof
FILE REFERENCE: 06087.0200.CPUS01
CURRENT APPLICATION NUMBER: US/10/310,914A
CURRENT FILING DATE: 2002-12-06
NUMBER OF SEQ ID NOS: 1388402
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: RNA
ORGANISM: Human
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ENGTH: 18
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84.2%;
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88.2%;
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Pred. No. 1
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Pred. No. 3
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OTHER INFORMATION: Antisense Compound US-10-849-438-2
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LENGTH: 20
TYPE: DNA
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Publication No. US20050261218A1
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Best Local Similarity
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Best Local Similarity
                                                                                        APPLICANT: Jain, Ravi
APPLICANT: Bhat, Balkishen
APPLICANT: Brat, Balkishen
APPLICANT: Peraltta, Eigen
TITLE OF INVENTION: Oligomeric Compounds i
TITLE OF INVENTION: Of Small Non-Coding i
FILE REFERENCE: ISISO080-100 (COREO)16US)
CURRENT APPLICATION NUMBER: US/10/909,125
CURRENT FILING DATE: 2004-07-30
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APPLICANT:
APPLICANT:
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TITLE OF INVENTION: MODULATION OF PUMILIO 1
FILE REFERENCE: RTS-0715US
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CURRENT FILING DATE: 2004-05-18
                                           PRIOR APPLICATION NUMBER: US 60/492,056
PRIOR FILING DATE: 2003-07-31
PRIOR APPLICATION NUMBER: US 60/516,303
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Artificial Sequence
            FILING DATE: 2003-10-31
APPLICATION NUMBER: US 60/531,596
FILING DATE: 2003-12-19
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Swayze, Eric
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Freier, Susan M.
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88.2%;
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Pred. No. 1.1e+03
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Pred. No. 1.1e+03
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APPLICANT: George Tachas

APPLICANT: Kenneth W. Dobie

APPLICANT: Ravi Jain

APPLICANT: Christopher Ian Belyea

APPLICANT: Mark Andrew Heffernan

ITILE OF INVENTION: MODULATION OF GROWTH HORMONE RECEPTOR EXPRESSION AND

ITILE OF INVENTION: PACTOR EXPRESSION

FILE REFERENCE: BIOLO002US

CURRENT APPLICATION NUMBER: US/10/927,466

CURRENT APPLICATION NUMBER: US/10/789,526

PRIOR APPLICATION NUMBER: US/10/789,526

PRIOR FILING DATE: 2004-02-26
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LENGTH: 20
TYPE: DNA
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Matches
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SOFTWARE: FASESEQ for Windows Version
SEQ ID NO 2

LENGTH: 20

TYPE: DNA
ORGANISM: Artificial Sequence
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Publication No. US20050282761A1
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Best Local :
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Best Local Similarity
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APPLICANT: Lex M. Cowsert
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF PTPN12 EXPRESSION
FILE REFERENCE: PTS-0016USA
CURRENT APPLICATION UNMBER: US/10/515,538
CURRENT FILING DATE: 2004-11-23
PRIOR APPLICATION NUMBER: 10/172,911
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR FILING DATE: 2002-06-17
PRIOR APPLICATION NUMBER: PCT/US03/18707
PRIOR FILING DATE: 2003-06-12
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OTHER INFORMATION: Antisense Oligonucleotide
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Pred. No. 1
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-927-466-2
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Sequence 302, Application US/11127654
Publication No. US20050250726A1
GRMERAL INFORMATION:
APPLICANT: Krieg, Arthur M.
APPLICANT: Berg, Daniel J.
TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR TREATMENT OF NON-ALLERGIC TITLE OF INVENTION: INFLAMMATORY DISEASES
FILE REFERENCE: C1039.70060US01
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PRIOR FILING DATE: 2002-04-09
NUMBER OF SEQ ID NOS: 66
SOPTWARE: PatentIn version 3.3
SEQ ID NO 53
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Best Local Similarity
Matches 15; Conserv
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APPLICANT: Prakash, Thazha P.
APPLICANT: Bhat, Balkrishen
TITLE OF INVENTION: OLIGOMERIC COMPOUNDS HAVING MODIFIED PHOSPHATE GROUPS
FILE REFERENCE: ISIS-5582
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/10/510,667
CURRENT FILING DATE: 2004-10-07
PRIOR APPLICATION NUMBER: PCT/US03/10840
PRIOR FILING DATE: 2003-04-09
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PRIOR FILING DATE: 2003-02-28
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FEATURE:
NAME/KEY: misc_feature
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 20
TYPE: DNA
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TYPE: DNA
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LOCATION: (16)..(20)
OTHER INFORMATION: 2'-0-methoxyethyl
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OTHER INFORMATION: 2'-O-methoxyethyl
FEATURE:
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88.2%;
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Pred. No. 1.1e+03
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Pred. No. 1.1e+03;
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CURRENT APPLICATION NUMBER: US/11/127,654
CURRENT FILING DATE: 2005-05-12

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US-11-111-288-11
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Baker, Brenda F.
APPLICANT: Kraynack, Bryan A.
APPLICANT: Kraynack, Bryan A.
APPLICANT: Stoufi, Namir
TITLE OF INVENTION: Sequential Delivery Of Oligomeric Compounds
FILE REFERENCE: ISISO111-100 (CORE0033US)
CURRENT FILING DATE: 2005-04-06
NUMBER OF SEQ ID NOS: 37
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 13, Application US/11101017 Publication No. US20050260755A1 GENERAL INFORMATION:
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PRIOR FILING DATE: 2002-03-29
PRIOR APPLICATION NUMBER: US 60/279,642
PRIOR FILING DATE: 2001-03-29
NUMBER OF SEQ ID NOS: 1040
SOFTWARE: PatentIn version 3.2
SEQ ID NO 302
                                                                                                                                                                                                                                                                     Sequence 11, Application US/11111288
Publication No. US20050261233A1
                                                                                                                                                                                                                                                   GENERAL INFORMATION:
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           APPLICANT: Isis Pharmaceuticals, Inc.
APPLICANT: Sanjay Bhanot
APPLICANT: Sanjay Bhanot
APPLICANT: Sanjay Bhanot
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF GLUCOSE-6-PHOSPHATASE TRANSLOCASE EXPRESSION
FILE REPERENCE: HTS-0009US
CURRENT FILING DATE: 2005-04-20
PRIOR APPLICATION NUMBER: 60/564,641
PRIOR APPLICATION NUMBER: 60/564,641
PRIOR FILING DATE: 2004-04-21
PRIOR FILING DATE: 2004-04-21
PRIOR FILING DATE: 2004-06-02
PRIOR FILING DATE: 2004-06-02
PRIOR FILING DATE: 2004-06-02
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les 15; Conserv
APPLICATION NUMBER: 60/615,395
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88.2%; Pred. No. 1
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                                                                                                                                                                                                                                                                                                                                           US-11-066-725-2
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 11
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Best Local S
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Best Local Similarity 88.2%;
                                                                                        APPLICANT: Sanjay Bhanot
APPLICANT: Kenneth W. Dobie
APPLICANT: Xing-Xian Yu
APPLICANT: Xing-Xian Yu
APPLICANT: Brett P. Monia
TITLE OF INVENTION: MODULATION OF DIACYLGLYCEROL ACYLTRANSFERASE
FILE REFERENCE: RTS-0678US.C1
CURRENT APPLICATION NUMBER: US/11/066,725
CURRENT FILING DATE: 2005-02-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: MODULATION OF AURORA B EXPRESSION FILE REFERENCE; HTS-0034US CURRENT APPLICATION NUMBER: US/11/136,815A CURRENT FILING DATE: 2005-05-24 PRIOR APPLICATION NUMBER: 60/574,053 PRIOR FILING DATE: 2004-05-24 PRIOR FILING DATE: 2004-05-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: 60/671,903
PRIOR FILING DATE: 2005-04-15
NUMBER OF SEQ ID NOS: 91
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APPLICANT: Kenneth W. Dobie
APPLICANT: Erich Koller
              PRIOR APPLICATION NUMBER: US/10/643,801
PRIOR FILING DATE: 2003-08-18
PRIOR APPLICATION NUMBER: PCT/US2004/024384
PRIOR FILING DATE: 2004-08-18
                                                                                                                                                                                                                                      APPLICANT: Isis Pharmaceuticals Inc. APPLICANT: Sanjay Bhanot
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NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: Antisense Compound
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Pred. No. 1.1e+03
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Pred. No. 1.1e+03;
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CURRENT APPLICATION NUMBER: US/11/124,020A
CURRENT FILING DATE: 2005-05-05
NUMBER OF SEQ ID NOS: 23
SOFTMARE: FastSEQ for Windows Version 4.0
SEQ ID NO 8
SEQ ID NO 8
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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US-11-124-020A-8
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LENGTH: 20
TYPE: DNA
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APPLICANT: C. Frank Bennett
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APPLICANT: ROSanne M. Crooke
APPLICANT: Mark J. Graham
APPLICANT: Steven Mah
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APPLICANT:
APPLICANT:
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Publication No. US20060003953A1
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Publication No. US20050287558A1
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                                                                APPLICANT: Robert McKay
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Kathleen Myers
TITLE OF INVENTION: Compositions and their uses directed to bone growth modulators
FILE REFERENCE: BIOLO050US
CURRENT FAPLICATION NUMBER: US/11/004,762
CURRENT FILING DATE: 2004-12-03
PRIOR APPLICATION NUMBER: US 60/527,370
PRIOR FILING DATE: 2003-12-04
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APPLICATION NUMBER: US 60/527,173
FILLING DATE: 2003-12-04
APPLICATION NUMBER: US 60/527,172
FILING DATE: 2003-12-04
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                                                                                                                                                                                                                                                                   Madeline M. Butler
Nicholas M. Dean
Kenneth W. Dobie
                                                                                                                                                                                                                                 Ravi Jain
                                                                                                                                                                                                                                                Joshua Finger
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88.2%;
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88.2%;
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Pred. No. 1
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; PRIOR FILING DATE: 2003-12-04; PRIOR APPLICATION NUMBER: US 60/527,174; PRIOR FILING DATE: 2003-12-04; PRIOR APPLICATION NUMBER: US 60/527,397; PRIOR FILING DATE: 2003-12-04; NUMBER OF SEQ ID NOS: 680; SOPTWARE: PALENTSEQ VETSION 1.0; SEQ ID NO 36; SEQ ID NO 36
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; NAME/KEY: misc_feature 
; LOCATION: 1-5, 15-20 
; OTHER INFORMATION: bases at these positions are 
US-11-072-806-24
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                                                                                                                                                                                     RESULT 36
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Sequence 2, Application US/11097928
Publication No. US20050244869A1
GENERAL INFORMATION:
APPLICANT: Vickie L. Brown-Driver
APPLICANT: Ravi Jain
TITLE OF INVENTION: MODULATION OF TRANSTHYRETIN
FILE REFERENCE: RTS-0531US
CURRENT APPLICATION NUMBER: US/11/097,928
CURRENT FILING DATE: 2005-04-01
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 24
LENGTH: 20
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Best Local (
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Best Local :
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CURRENT FILING DATE: 2005-03-04
PRIOR APPLICATION NUMBER: 60/551,670
PRIOR FILING DATE: 2004-03-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Kraynack, Bryan A.
TITLE OF INVENTION: DOUBLE STRANDED CONSTRUCTS
TITLE OF INVENTION: TO A LONGER STRAND
FILE REFERENCE: CORE0036US
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APPLICANT: Kraynack, Bryan
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ORGANISM: Artificial Sequence
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TYPE: DNA
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15; Conserv
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No. US20050245474A1
                                                                                                                                                                                                                                                                                                                Conservative
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88.2%;
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Pred. No. 1.
                                                                                                                                                                                                                                                                                                                               Score 13.8; DB 9; Pred. No. 1.1e+03;
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PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
PRIOR PILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
                                                                                                                                                                                                                                                                                                       Remaining Prior Application data removed NUMBER OF SEQ ID NOS: 2362
SOFTWARE: PatentIn version 3.3
SEQ ID NO 2005
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
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SEQ ID NO 2
LENGTH: 20
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Best Local Similarity
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PRIOR APPLICATION NUMBER: US 10/826,966
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PRIOR APPLICATION NUMBER: PCT/US04/16390
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PRIOR FILING DATE: 2003-02-14
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PRIOR FILING DATE: 2004-08-20
PRIOR APPLICATION NUMBER: US 10/863,973
PRIOR FILING DATE: 2004-07-09
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TITLE OF INVENTION: ENA Interference Mediated Inhibition of Interleukin and
TITLE OF INVENTION: Interleukin Receptor Gene Expression Using Short Interi
TITLE OF INVENTION: Nucleic Acid (siNA)
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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
FEATURE:
NAME/KEY: misc_feature
LOCATION: (3)..(3)
                                                                   OTHER INFORMATION: 2'-deoxy-2'-Fluoro
                                                                                                                                                                   LOCATION: (1)...(1)
OTHER INFORMATION: 5'-3
                                                                                                                                                                                                                                                             FEATURE:
OTHER INFORMATION: Synthetic
                                                                                                           NAME/KEY: misc_feature
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                                                                                                 LOCATION: (1)
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Polisky, Barry
Polisky, James
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TITLE OF INVENTION: NAM Interference Mediated Inhibition of Interleukin and TITLE OF INVENTION: Interleukin Receptor Gene Expression Using Short Interferit TITLE OF INVENTION: Nucleic Acid (sinA)

FILE REFERENCE: 400/239 (MBHEN3-084-G)

CURRENT APPLICATION NUMBER: US/11/001,347

CURRENT FILING DATE: 2004-12-01

PRIOR APPLICATION NUMBER: US 10/922,675

PRIOR FILING DATE: 2004-08-20

PRIOR FILING DATE: 2004-07-09

PRIOR APPLICATION NUMBER: US 10/863,973

PRIOR FILING DATE: 2004-07-09

PRIOR APPLICATION NUMBER: US 10/863,973

PRIOR FILING DATE: 2004-07-09

PRIOR APPLICATION NUMBER: PCT/US03/04566

PRIOR FILING DATE: 2003-02-14

PRIOR FILING DATE: 2004-05-24

PRIOR APPLICATION NUMBER: US 10/826,966

PRIOR PRIOR DATE: 2004-04-16

PRIOR FILING DATE: 2004-04-16
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Best Local Similarity
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NAME/KEY: misc_feature
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LOCATION: (5)..(6)
OTHER INFORMATION: 2'-deoxy
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OTHER INFORMATION: 2'-deoxy-2'-Fluoro
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LOCATION: (7)..(10)
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APPLICATION NUMBER: US 10/757,803 FILING DATE: 2004-01-14 APPLICATION NUMBER: US 10/720,448
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Polisky, Barry
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Pred. No. 1
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SEQ ID NO 2037
LENGTH: 21
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APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: Richards, Ivan
APPLICANT: Roliaky, Barry
APPLICANT: McSwiggen, James
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Interleukin and
TITLE OF INVENTION: Interleukin Receptor Gene Expression Using Short Interfering
TITLE OF INVENTION: Nucleic Acid (siNA)
TITLE GEFERENCE: 400/239 (MBHB03-084-G)
CURRENT APPLICATION NUMBER: US/11/001,347
CURRENT FILING DATE: 2004-12-01
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NAME/KEY: misc_feature
LOCATION: (18)..(19)
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LOCATION: (10)..(13)
OTHER INFORMATION: 2'-0-methyl
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LOCATION: (1)...(1)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
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OTHER INFORMATION: 2'-deoxy-2'-Fluoro
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FILING DATE: 2003-10-23
APPLICATION NUMBER: US 10/444,853
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82.4%; Pred. No. 1.1e+03;
tive 1; Mismatches 2;
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Best Local S
Matches 15
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 1824, Application US/11001347 Publication No. US20050261219A1
                                                                                                                                                                                                          PRIOR FILING DATE: 2004-08-20
PRIOR APPLICATION NUMBER: US 10/863,973
PRIOR FILING DATE: 2004-07-09
PRIOR APPLICATION NUMBER: PCT/US03/04566
PRIOR FILING DATE: 2003-02-14
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CURRENT FILING DATE: 2004-12-01
PRIOR APPLICATION NUMBER: US 10/922,675
                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: RNA Interference Mediated Inhibition of Interleukin and TITLE OF INVENTION: Interleukin Receptor Gene Expression Using Short Interfering TITLE OF INVENTION: Nucleic Acid (sina)
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PRIOR FILING DATE: 2003-02-20
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                                                                                                                                                                        PRIOR APPLICATION NUMBER: PCT/US04/16390 PRIOR FILING DATE: 2004-05-24
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                                                                                            APPLICATION NUMBER: US 10/826,966 FILING DATE: 2004-04-16 APPLICATION NUMBER: US 10/757,803 FILING DATE: 2004-01-14
                                      APPLICATION NUMBER: US 10/720,448 FILING DATE: 2003-11-24 APPLICATION NUMBER: US 10/693,059
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APPLICATION NUMBER: US 10/720,448
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15; Conservative
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Polisky, Barry
  NUMBER: US
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    10/444,853
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Pred. No. 1e+03;
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                                                                                                               ; OTHER INFORMATION: US-11-001-347-1825
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NUMBER OF SEQ ID NOS: 2362
SOFTWARE: PatentIn version 3.3
SEQ ID NO 1825
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LENGTH: 23
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PRIOR FILING DATE: 2003-02-20
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PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
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PRIOR FILING DATE: 2004-07-09
PRIOR APPLICATION NUMBER: PCT/US03/04566
PRIOR FILING DATE: 2003-02-14
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                                                                                                                                                     FEATURE:
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ORGANISM: Artificial Sequence
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Similarity 88.2%;
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Polisky, Barry
                                     Conservative
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88.2%;
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                                                         Score 13.8;
Pred. No. 16
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                                                     1e+03;
                                                                     DB 7;
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Sequence 6013, Application US/11136527
Publication No. US20050287570A1
GENERAL INFORMATION:
APPLICANT: Wyeth
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US-11-136-527-1917/c
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                                                                                    US-11-136-527-6013/c
                                                                                                                                                                                                                                                                                                    ; ORGANISM: Rattus norvegicus 
US-11-136-527-1917
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SEQ ID NO 1917
LENGTH: 443
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SEQ ID NO 284853
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Best Local :
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Best Local Similarity
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APPLICANT: Mounts, William M
APPLICANT: Mounts, William M
TITLE OF INVENTION: Probe Arrays For Expression
FILE REFERENCE: 031896-041000 (AM101086)
CURRENT APPLICATION NUMBER: US/11/136,527
CURRENT FILING DATE: 2005-05-25
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CURRENT FILING DATE: 2005-05-25
PRIOR APPLICATION NUMBER: US 60/574,294
PRIOR FILING DATE: 2005-05-26
NUMBER OF SEQ ID NOS: 362830
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APPLICANT: Mounts, William M
TITLE OF INVENTION: Probe Arrays For Expression Profiling
FILE REFERENCE: 031896-041000 (AM101086)
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PRIOR FILING DATE: 2005-05-26
NUMBER OF SEQ ID NOS: 362830
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TYPE: DNA
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Mounts, William M
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88.2%;
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Pred. No. 7.7e+02;
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APPLICANT: MINI GENOMICS, INC.
APPLICANT: DeNISE, Sue K.
APPLICANT: KERR, Richard
APPLICANT: KERR, Richard
APPLICANT: HOLM, Tom
APPLICANT: HOLM, Tom
APPLICANT: BATES, Stephen
APPLICANT: PANTIN, Dennis
TITLE OF INVENTION: COMPOSITIONS FOR INFERRING BOVINE TRAITS
FILE REFERENCE: MMI1100-2
CURRENT APPLICATION NUMBER: US/10/750,185
CURRENT APPLICATION NUMBER: US 60/437,482
PRIOR FILING DATE: 2003-12-31
PRIOR FILING DATE: 2003-12-31
NUMBER OF SEQ ID NOS: 64922
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US-10-750-185-25739/c
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CURRENT APPLICATION NUMBER: US/11/136,527
CURRENT FILING DATE: 2005-05-25
PRIOR APPLICATION NUMBER: US 60/574,294
PRIOR FILING DATE: 2005-05-26
NUMBER OF SEQ ID NOS: 362830
SOFTWARE: PatentIn version 3.2
SEQ ID NO 6013
LENGTH: 443
LENGTH: 443
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Publication No. US20050287570A1
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LENGTH: 600
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Best Local Similarity
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APPLICANT: Mounts, William M
APPLICANT: Mounts, William M
TITLE OF INVENTION: Probe Arrays For Expression Profiling
FILE REFERENCE: 031896-041000 (AM101086)
CURRENT APPLICATION NUMBER: US/11/136,527
CURRENT FILING DATE: 2005-05-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: US 60/574,294
PRIOR FILLING DATE: 2005-05-26
NUMBER OF SEQ ID NOS: 3652830
SOFTWARE: PatentIn version 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA ORGANISM: Rattus norvegicus
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Local Similarity 78.9%;
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88.2%; Pred. No. 7.
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AULM, Tom

APPLICANT: BATES, Stephen

APPLICANT: FANTIN, Dennis

TITLE OF INVENTION: METHODS AND SYSTEMS FOR INFERRING BOVINE TRAITS

FILE REFERENCE: MMI1100-1

CURRENT APPLICATION NUMBER: US/10/750,623

CURRENT FILING DATE: 2003-12-31

PRIOR APPLICATION NUMBER: US 60/437,482

PRIOR APPLICATION NUMBER: US 60/437,482

PRIOR FILING DATE: 2002-12-31

NUMBER OF SEQ ID NOS: 64922

SOFTWARE: PATENTIAN VERSION 3.1

SEQ ID NO 25739

LENGTH: 2003

TYPE: DNO
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; ORGANISM: Bovine
US-10-750-185-25739
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; ORGANISM: Bovine
US-10-750-623-25739
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                                                  ; ORGANISM: Rattus norvegicus US-11-136-527-1966
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US-11-136-527-1966/c
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Publication No. US20050287531A1
GENERAL INFORMATION:
                                                                                SOFTWARE: PatentIn version 3.2
SEQ ID NO 1966
LENGTH: 2329
TYPE: DNA
                                                                                                                                                                                                                                                    Sequence 1966, Application US/11136527

Publication No. US20050287570A1

GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: Mounts, William M

TITLE OF INVENTION: Probe Arrays For Expression Profiling of Rat Genes
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LENGTH: 2003
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                   Query Match
 Best Local Similarity
                                                                                                                                                                  FILE REFERENCE: 031896-041000 (AM101086)
CURRENT APPLICATION NUMBER: US/11/136,527
CURRENT FILING DATE: 2005-05-25
PRIOR APPLICATION NUMBER: US 60/574,294
PRIOR FILING DATE: 2005-05-26
                                                                                                                                                      NUMBER OF SEQ ID NOS: 362830
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Pred. No. 6.6e+02;
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Pred. No. 6.6e+02;
 Score
Pred.
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 13.8; DB 7;
No. 6.5e+02;
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RESULT 50
US-10-131-826A-113/c
; Sequence 113, Application US/10131826A
; Sequence 103, Application US/10131826A
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CURRENT FILING DATE: 2004-12-01
PRIOR APPLICATION NUMBER: US 60/525,987
PRIOR FILING DATE: 2003-12-01
NUMBER OF SEQ ID NOS: 1596
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1278
LENGTH: 2774
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APPLICANT: HOULGATTE, Remi
APPLICANT: BIRNBAUM, Daniel
TITLE OF INVENTION: GENE EXPRESSION PROFILING OF COLON CANCER WITH DNA ARRAYS
FILE REFERENCE: 1423-R-03
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APPLICANT:
APPLICANT:
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APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C128
CURRENT APPLICATION NUMBER: US/10/131,826A
CURRENT FILING DATE: 2002-04-24
PRIOR APPLICATION NUMBER: 60/049911
                                                                                                                                                                                      APPLICANT:
APPLICANT:
APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)...(2774)
OTHER INFORMATION: epidermal growth factor receptor substrate
OTHER INFORMATION: eps15r(EPS15R) gene.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
ORGANISM: Artificial Sequence
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Stewart, Timothy A.
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Godowski, Paul J.
Gurney, Austin L.
                                                                                                                                                                                                                                                 Sherwood, Steven
                                                                                                                                                                                                                                                                                                                                                    Gao, Wei-Qiang
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NUMBER OF SEQ ID NOS: 550
SEQ ID NO 113
LENGTH: 3323
                                                                            Matches
                                                                                          Query Match
Best Local 8
                                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: 60/059588 PRIOR FILING DATE: 1997-09-19
                                                                                                                                                                        ORGANISM: Homo Sapien
                                                                                                                                                                                              TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                      OR APPLICATION NUMBER: 60/056974
OR FILING DATE: 1997-08-26
OR APPLICATION NUMBER: 60/059113
OR FILING DATE: 1997-09-17
OR APPLICATION NUMBER: 60/059115
OR FILING DATE: 1997-09-17
OR APPLICATION NUMBER: 60/059117
OR FILING DATE: 1997-09-17
OR APPLICATION NUMBER: 60/059122
OR APPLICATION NUMBER: 60/059122
OR APPLICATION NUMBER: 60/059184
OR APPLICATION NUMBER: 60/059184
                                                                                            Local Similarity
                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: 60/059263
APPLICATION NUMBER: 60/059263
APPLICATION NUMBER: 60/059352
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: 1997-06-18
                                                                                                                                                                                                                                                                                                                                FILING DATE: 1997-09-19
858 CCCGAGAGCTCGAACTG
                            2 CGCGAGAGCCCGAACTG
                                                                          72.6%; ilarity 88.2%; Conservative
  842
                                    18
                                                                          <u>,</u>
                                                                                          Score 13.8; DB 6;
Pred. No. 6.3e+02;
                                                                          Mismatches
                                                                                                              Length 3323;
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Search completed: January 12, 2006, 01:34:37 Job time: 281.249 secs

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Result
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Maximum
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Perfect score:
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and is derived by analysis o
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RESULT 2
US-09-103-840A-1/c
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APPLICANT: WHITE, Owen R.
APPLICANT: WHITE, Owen R.
APPLICANT: VENTER, John C.
TITLE OF INVENTION: DNA SEQUENCES FOR STRAIN
TITLE OF INVENTION: TUBERCULOSIS
FILE REFERENCE: 24366-2007.00
CURRENT APPLICATION NUMBER: US/99/103,840A
CURRENT APPLICATION NUMBER: US/99/103,840A
CURRENT FILING DATE: 198-06-24
NUMBER OF SEQ ID NOS: 2
SOFTWARE: PatentIn Ver. 2.1
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US-09-103-840A-2/c
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          Sequence 1, Application US/09103840A Patent No. 6294328
GENERAL INFORMATION:
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Best Local
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                                                                                                                                                                             OTHER INFORMATION: CDC 1551
OTHER INFORMATION: "n" bases at various positions throughout the sequence
OTHER INFORMATION: represent a, t, c or g
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FLEISCHMAN,
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US-09-2902-540-7369
US-09-270-767-30476
US-09-270-767-31625
US-09-270-767-13625
US-09-270-767-13627
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13625, A
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Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; TYPE: DNA ; ORGANISM: Myxococcus xanthus US-09-902-540-6405
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CURRENT FILING DATE: 2001-07-10
PRIOR APPLICATION NUMBER: 60/217,883
PRIOR FILING DATE: 2000-07-10
NUMBER OF SEQ ID NOS: 16825
SEQ ID NO 6405
LENGTH: 1020
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SEQ ID NO 1
LENGTH: 4411529
TYPE: DNA
                                                                                                                                                                                                       Patent No. 6833447
GENERAL INFORMATION:
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Best Local
                                                    APPLICANT: Goldman, Barry S.
APPLICANT: Hinkle, Gregory J.
APPLICANT: Slater, Steven C.
APPLICANT: Wiegand, Roger C.
APPLICANT: Wiegand, Roger C.
TITLE OF INVENTION: Myxococcus xanthus Genome Sequences and Uses Thereof
FILE REFERENCE: 38-10(15849) B
CURRENT APPLICATION NUMBER: US/09/902,540
CURRENT FILING DATE: 2001-07-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Goldman, Barry S.
APPLICANT: Hinkle, Gregory J.
APPLICANT: Slater, Steven C.
APPLICANT: Wiegand, Roger C.
TITLE OF INVENTION: Myxococcus xanthus Genome Sequences and
FILE REFERENCE: 38-10(15849)B
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CURRENT APPLICATION NUMBER: US/09/103,840A
CURRENT FILING DATE: 1998-06-24
NUMBER OF SEQ ID NOS: 2
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APPLICANT: FRASER, Claire M.
APPLICANT: VENTER, John C.
TITLE OF INVENTION: DNA SEQUENCES
TITLE OF INVENTION: TUBERCULOSIS
PRIOR APPLICATION NUMBER: 60/217,883
PRIOR FILING DATE: 2000-07-10
NUMBER OF SEQ ID NOS: 16825
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94.7%;
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Pred. No. 1.1e
0; Mismatches
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Pred. No. 1.2e+02;
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APPLICANT: CALL, Brian M.
APPLICANT: Holtzman, Doug
APPLICANT: Madden, Kevin T.
APPLICANT: Milna, G. Todd
APPLICANT: Sherman, Amir
APPLICANT: Trueheart, Josh
APPLICANT: Zhang, Lixin
ITITLE OF INVENTION: No. 6806082el Regulators of Fungal Gene Expression
FILE REFERENCE: MIC-004
CURRENT APPLICATION NUMBER: US/10/029,180
CURRENT FILING DATE: 2001-12-22
PRIOR APPLICATION NUMBER: US 60/257,431
PRIOR APPLICATION NUMBER: US 60/257,431
PRIOR FILING DATE: 2000-12-22
NUMBER OF SEQ ID NOS: 138
SOPTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 27
SEQ ID NO 27
LEWATTH: 2043
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US-10-029-180-27
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; ORGANISM: Myxococcus xanthus
US-09-902-540-431
; TYPE: DNA
; ORGANISM: Homo sapien
US-09-404-879A-68
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                                                      SOFTWARE: Fa
                                                                                                                          GENERAL INFORMATION:
APPLICANT: Mitcham, Jennifer L.
APPLICANT: King, Gordon E.
APPLICANT: King, Gordon E.
APPLICANT: Algate, Paul A.
APPLICANT: Algate, Paul A.
TITLE OF INVERTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF OVARIAN CANCER
FILE REFERENCE: 210121.46202
CURRENT APPLICATION NUMBER: US/09/404,879A
CURRENT FILING DATE: 1999-09-24
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LENGTH: 1960
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Patent No. 6806082
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Best Local Similarity
                                                                                                                NUMBER OF SEQ ID NOS:
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TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: fungal gene
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Pred. No. 1.
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1.4e+02;
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FILE REFERENCE: 210121.462C1

CURRENT APPLICATION NUMBER: US/09/338,933

CURRENT FILING DATE: 199-06-23

NUMBER OF SEQ ID NOS: 312

SOFTWARE: FASTSEQ for Windows Version 3.0

SEQ ID NO 68

LENGTH: 511

TYPE: DNA

ORGANISM: Homo sapien
                                                                                                               NUMBER OF SEQ ID NOS: 310
SOFTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 68
LENGTH: 511
TYPE: DNA
RORANISM: Homo sapien
US-09-215-681-68
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US-09-338-933-68
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GENERAL INFORMATION:
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APPLICANT: Mitcham, Jennifer Lynn
APPLICANT: King, Gordon E.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY OF
TITLE OF INVENTION: OVARIAN CANCER
                                                       Matches
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Best Local &
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APPLICANT: Frudakis, Tony N.
APPLICANT: King, Gordon E.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSIS
TITLE OF INVENTION: OF OVARIAN CANCER
FILE REFERENCE: 210121.463
CURRENT APPLICATION NUMBER: US/09/215,681A
CURRENT FILING DATE: 1998-12-17
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GCACAGCAGAAACGCCAGC 138
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Pred. No. 2.2e
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Pred. No. 2.2e+02;
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Pred. No. 2.
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US-09-216-003A-68 ; Sequence 68, Application US/09216003A ; Patent No. 6670463

RESULT 9

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RESULT 10
US-09-667-857-68
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US-10-198-053-68
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; TYPE: DNA
; ORGANISM: Homo sapien
US-09-667-857-68
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CUBRENT FILING DATE: 2000-09-20
NUMBER OF SEQ ID NOS: 455
SOFTWARE: FASESEQ for Windows Version 3.0
SEQ ID NO 68
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LENGTH: 511
TYPE: DNA
ORGANISM: Homo sapiens
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APPLICANT: Frudakis, Tony N.
APPLICANT: King, Gordon E.
APPLICANT: King, Gordon E.
APPLICANT: King, Gordon E.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY
FILE REFERENCE: 210121.462
CURRENT APPLICATION NUMBER: US/09/216,003A
CURRENT FILING DATE: 1998-12-17
CURRENT FILING DATE: 1998-12-17
                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
Matches 17; Conserv
                                                   GENERAL INFORMATION:
APPLICANT: Bangur, Chaitanya S.
APPLICANT: Retter, Marc W.
APPLICANT: Fanger, Gary R.
APPLICANT: Hill, Paul
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APPLICANT:
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APPLICANT: Reed, Steven G.
APPLICANT: Vedvick, Thomas S.
APPLICANT: Carter, Darrick
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF OVARIAN CANCER
FILE REFERENCE: 210121.46205
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY TITLE OF INVENTION: AND DIAGNOSIS OF OVARIAN CANCER FILE REFERENCE: 210121.462C9
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           83.2%;
Local Similarity 89.5%;
Nes 17; Conservative
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Fanger, Gary Richard
Reed, Steven G.
Vedvick, Thomas S.
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Fling, Steven P.
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89.5%;
                                                                                                                                                                                                                                                                                                                                Score 15.8; DB 3;
Pred. No. 2.2e+02;
0; Mismatches 2
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Pred. No. 2.2e+02;
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CURRENT APPLICATION NUMBER: US/09/878,281A
CURRENT FILING DATE: 2001-06-12
NUMBER OF SEQ ID NOS: 284
SOFTWARE: PatentIn version 3.1
SEQ ID NO 157
LENGTH: 530
TYPE: DNA
ORGANISM: hepatitis C virus
US-09-878-281A-157
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 68, Application US/09827271

Patent NO. 6962980

GENERAL INFORMATION:
APPLICANT: Retter, Marc W.
APPLICANT: Panger, Gary R.
APPLICANT: Panger, Gary R.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TITLE OF INVENTION: DIACROSIS OF OVARIAN CANCER FILE REFERENCE: 210121.462C6

CURRENT APPLICATION NUMBER: US/09/827,271

CURRENT APPLICATION NUMBER: US/09/827,271

CURRENT FILING DATE: 2001-04-04

NUMBER OF SEQ ID NOS: 461

SOFTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO 68

LENGTH: 511
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; LENGTH: 511
; TYPE: DNA
; ORCANISM: Homo sapiens
US-10-198-053-68
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TYPE: DNA
ORGANISM: Homo sapien
US-09-827-271-68
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US-09-878-281A-157
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APPLICANT: Innogenetics N.V.
APPLICANT: INVENTION: New sequences
TITLE OF INVENTION: and therapy
FILE REFERENCE: 35
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Best Local Similarity
Matches 17; Conserv
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                                                  Query Match 83.2
Best Local Similarity 89.5
Matches 17; Conservative
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CURRENT FILING DATE: 2002-07-17
NUMBER OF SEQ ID NOS: 624
NUMBER OF SEQ ID NOS: 624
SOFTWARE: FastSEQ for Windows Version 4.0
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nes 17; Conserv
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1 GCGCAGCAGAAACGTCAGC 19
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2002-07-17
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Pred. No. 2.2e-
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Pred. No. 2.2e+02;
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US-09-489-039A-5770/c
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US-09-949-016-124789
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GENERAL INFORMATION:
APPLICANT: Gary Breton et. al
APPLICANT: Gary Breton et. al
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQ
SEQ ID NO 4468
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              sequence 4468, Application US/09489039A
Patent No. 6610836
                                                                  Sequence 5770, Application US/09489039A Patent No. 6610836
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Best Local Similarity
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LENGTH: 601
TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Gary Breton et. al
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING
TITLE OF INVENTION: PNEUMONIAE FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 2709.2004001
CURRENT APPLICATION NUMBER: US/09/489,039A
CURRENT FILING DATE: 2000-01-27
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CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-10-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT FILING DATE: 2000-01-27
PRIOR APPLICATION NUMBER: US 60/117,747
PRIOR FILING DATE: 1999-01-29
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SOFTWARE: FastSEQ for Windows Version
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TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
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                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
ORGANISM: Klebsiella pneumoniae
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GENERAL INFORMATION:
APPLICANT: MATC J. Rubenfield et al.
APPLICANT: MATC J. Rubenfield et al.
APPLICANT: MATC J. Rubenfield et al.
TITLE OF INVENTION: NUCLEEC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.136
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR APPLICATION NUMBER: US 60/074,798
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NO: 33142
SEQ ID NO 1492
LENGTH: 1740
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SEQ ID NO 1686
LENGTH: 1695
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PRIOR FILING DATE: 1999-01-29
NUMBER OF SEQ ID NOS: 14342
SEQ ID NO 5770
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PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
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TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.136
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CURRENT FILING DATE: 2000-01-27
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ORGANISM: Pseudomonas aeruginosa
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TYPE: DNA
ORGANISM: Klebsiella
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Pred. No. 2.
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ORGANISM: Pseudomonas aeruginosa

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                                                                                                                                            US-09-902-540-3896
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SEQ ID NO 1534
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                                                                                                                                                         SEQ ID NO 3896
LENGTH: 1971
TYPE: DNA
ORGANISM: Myxococcus xanthus
                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 3896, Application US/09902540 Patent No. 6833447
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Best Local
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                                                                                  Query Match
Best Local S
                                                                                                                                                                                                                                                                       APPLICANT: Goldman, Barry S.
APPLICANT: Hinkle, Gregory J.
APPLICANT: Slater, Steven C.
APPLICANT: Wiegand, Roger C.
ITILE OF INVENTION: Myxococcus xanthus Genome Sequences and Uses Thereof FILE REFERENCE: 38-10(15849)B
CURRENT APPLICATION NUMBER: US/09/902,540
CURRENT TILING DATE: 2001-07-10
CURRENT TILING DATE: 2001-07-10
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
NUMBER: 1998-07-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: 60/217,883
PRIOR FILING DATE: 2000-07-10
NUMBER OF SEQ ID NOS: 16825
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 1806
TYPE: DNA
ORGANISM: Pseudomonas aeruginosa
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ocal Similarity
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                                                                     l Similarity
17; Conserv
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                                 GCGCAGCAGAAACGTCAGC 19
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                                                                       Conservative
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Pred. No. 2.7e+02;
0; Mismatches 2;
                                                                     Score 15.8; DB 3;
Pred. No. 2.7e+02;
0; Mismatches 2;
24
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                                                                                                     Length 1971;
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           APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO A
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTI
TITLE REFERENCE: 107196.136
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR PILING DATE: 1998-07-27
NUMBER FILING DATE: 1998-07-27
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
                                                                                                                                                                                                                                                                                                             RESULT 22
US-09-252-991A-8084
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Patent No. 5756343
GENERAL INFORMATION:
APPLICANT: WU, CARL; CLOS, JOACHII
APPLICANT: WESTWOOD, J. TIMOTHY.;
                                                                                                                                                                                                                                            GENERAL INFORMATION:
                                                                                                                                                                                                                                                              Sequence 8084, Application US/09252991A Patent No. 6551795
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WORDDERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/178,4778
FILING DATE: 07-JAN-1994
CLASSIFICATION DATA:
APPLICATION NUMBER: US/07/617,910
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/617,910
FILING DATE: 26-NOV-1990
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: CAROL M. GRUPPI
REGISTRATION NUMBER: 37,341
REFERENCE/DOCKET NUMBER: 37,341
REFERENCE/DOCKET NUMBER: 2026-4103US1
TELECHNUM: (212) 758-4800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           INFORMATION FOR SEQ ID NO:
NUMBER OF SEQ ID NOS:
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NUMBER OF SEQUENCES: 42
CORRESPONDENCE ADDRESS:
**TORRESSES: MORGAN & FINNEGAN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
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MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
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TITLE OF INVENTION: TRANSCRIPTIONAL FACTORS
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TWOOD, J. TIMOTHY.; RABINDRAN, SRIDHAR
ION: CELL STRESS
                                                                                                                                                                                                  Rubenfield et al.

NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
                                                                                                                                                                           AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
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89.5%;
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Pred. No. 2.8e+02;
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; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-8084
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     APPLICANT: Ma, Yunqing
APPLICANT: Wang, Dunrui
APPLICANT: Wang, Zhiwei
APPLICANT: John Tillinghast
APPLICANT: Drmanac, Radoje T.
TITLE OF INVENTION: No. 6569662el Nu
TITLE OF INVENTION: Polypeptides
                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                         Matches
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                                                                                                                                                                                                                                                             GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                            Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Holloway, J
APPLICANT: Gao, Zeren
APPLICANT: whitmore, T
TITLE OF INVENTION: NO
                                                                                                                            APPLICANT:
APPLICANT:
APPLICANT:
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APPLICANT:
APPLICANT:
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CURRENT FILING DATE: 2000-11-09
PRIOR APPLICATION NUMBER: US 60/164,685
                                                                                                     APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS: 31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: PRIOR FILING DATE: 1999-1
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                                                                                                                                                                    APPLICANT:
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LOCATION: (199)...(1266)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
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nes 17; Conserv
REFERENCE: 784CIP2B
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Ren, Feiyan
Then, Rui-hong
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Xue, Aidong J.
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                                                                                                                 Wang,
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Chenghua
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, Ping
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Pred. No. 2
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                        Nucleic Acids and
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; LOCATION: (186)..(3362)
US-09-620-312D-266
                                                                                                                                                                                                                        US-09-949-016-1005/c
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CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
                                                                          Sequence 1005, Application US/09949016
Patent No. 6812339
GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN
TITLE OF INVENTION: WITH HUMAN DISEASE, ME
FILE REFERENCE: CL001307
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FASCSEQ for Window
SEQ ID NO 5404
LENGTH: 4608
TYPE: DNA
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Best Local Similarity
Matches 17; Conserv
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CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
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TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILE REFERENCE: CL001307
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA ORGANISM: Homo sapiens FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Human
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ENGTH: 4549
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17; Conserv
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89.5%;
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Pred. No. 36
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OF DETECTION
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LENGTH: 4617
; TYPE: DNA
; ORGANISM: Human
US-09-949-016-1005
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CURRENT FILING DATE: 2000-07-19
FRIOR APPLICATION NUMBER: 09/52,317
FRIOR FILING DATE: 2000-04-25
PRIOR APPLICATION NUMBER: 09/488,725
PRIOR FILING DATE: 2000-01-21
FRIOR FI
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Patent No. 65
                                                                                                                     Matches
                                                                                                                                                                             Query Match
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APPLICANT:
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PRIOR FILING DATE: 2000-09-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: No. 6569662el Nucleic Acids and TITLE OF INVENTION: Polypeptides FILE REFERENCE: 784CIP2B
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                                                                                                                                                                                                                                                                 FEATURE:
NAME/KEY: CDS
LOCATION: (186)..(3755)
                                                                                                                                                                                                                                                                                                                                                     LENGTH: 4942
TYPE: DNA
ORGANISM: Homo sapiens
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1901
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17; Conserv
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Xue, Aidong J.
Yang, Yonghong
Wang, Jian-Rui
Zhou, Ping
Ma, Yunging
   GCGCAGCAGCACCGTCAGC 1883
                                                          GCGCAGCAGAAACGTCAGC 19
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Wang, Zhiwei
John Tillinghast
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Ren, Feiyan
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                                                                                                                                                 Score 15.8;
Pred. No. 3.
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RESULT 28

RESULT 30 US-09-902-540-1192

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PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
PRIOR FILING DATE: 2070-09-08
NUMBER OF SEQ ID NOS: 207012
SOPTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1076
LENGTH: 6588
                                                                                                                                                                                                                                PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FASTSEQ for Windows V
SEQ ID NO 15145
LENGTH: 8920
TYPE: DNA
ORGANISM: Human
FEATURE:
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US-09-949-016-1076
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US-09-949-016-15145/c
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APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
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                                                                        Best Local Similarity Matches 17; Conserv
                                                                                                                 Query Match
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CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS
FILE REFERENCE: CL001307
                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR APPLICATION NUMBER: 60/231,498
                                                                                                                                                                        NAME/KEY: misc_feature
LOCATION: (1)...(8920)
OTHER INFORMATION: n = A,T,C or G
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1649
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17; Conservative
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  GCGCAGCAGTGACGTCAGC 1631
                                    GCGCAGCAGAAACGTCAGC 19
                                                                          Conservative
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Pred. No. 3.
                                                                                               Score 15.8; DB 3; Pred. No. 3.3e+02;
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OF DETECTION AND USES THEREOF
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PATENT NO. 6812339

GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASS
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS: OF
FILE REFERENCE: CL001307

FUNDERNT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-09-08
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOPTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 12818
LENGTH: 30678
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                                                                              RESULT 32
US-09-949-002-665
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APPLICANT: Hinkle, Gregory J.
APPLICANT: Hinkle, Gregory J.
APPLICANT: Steven C.
APPLICANT: Wiegand, Roger C.
TITLE OF INVENTION: Myxococcus xanthus Genome Sequences and Uses Thereof FILE REFERENCE: 38-10(15849)B
CURRENT APPLICATION NUMBER: US/09/902,540
CURRENT FILING DATE: 2001-07-10
PRIOR APPLICATION NUMBER: 60/217,883
PRIOR APPLICATION NUMBER: 60/217,883
PRIOR FILING DATE: 2000-07-10
NUMBER OF SEQ ID NOS: 16825
SEQ ID NO 1192
LENGTH: 19222
Sequence 665, Application US/09949002
Patent No. 690016
GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
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                                                                                                                                                                                                                                        Matches
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LOCATION: (1)...(30678)
OTHER INFORMATION: n =
                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
ORGANISM: Human
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Pred. No. 3.7e
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OF DETECTION
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US-09-949-002-665
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GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH INFLAWMATORY AUTOIMMUNE DISEASE, METHODS
TITLE OF INVENTION: AND USES THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS: 10823
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 857
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SEQ ID NO 665
LENGTH: 34725
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Best Local !
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CURRENT APPLICATION NUMBER: US/09/949,002
CURRENT FILLING DATE: 2000-01-28
PRIOR APPLICATION NUMBER: 60/231,401
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 10823
                                                                      APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CL001307
CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR FILING DATE: 2000-10-20
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CURRENT FILING DATE: 2000-01-28
PRIOR APPLICATION NUMBER: 60/231,401
PRIOR FILING DATE: 2000-09-08
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TITLE OF INVENTION: WITH INFLAMMATORY AUTOIMMUNE DISEASE, METHODS OF DETECTION
TITLE OF INVENTION: AND USES THEREOF
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
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mes 17; Conserv
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Pred. No. 4e
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Pred. No. 4e
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PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
PRIOR FILING DATE: 2000-09-08
VIMBER OF SEQ ID NOS: 207012
SOFTWARE: FastSEQ for Windows Version 4.
SEQ ID NO 15270
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; ORGANISM: Human
US-09-949-016-12747
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US-09-949-016-17146/c
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 12747
LENGTH: 55328
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Matches
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SEQ ID NO 17146
LENGTH: 55330
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ORGANISM: Human
3-09-949-016-17146
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                          Patent No.
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TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CL001307
CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
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PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
                                                                                                                                                                       FILE REFERENCE: CL001307
CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
                                                                                                                                                                                                                                                        APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS
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ENGTH: 192302
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Pred. No. 4.3e
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Pred. No. 4.3e+02;
0; Mismatches 2;
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4.3e+02;
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OF DETECTION AND USES THEREOF
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APPLICANT: FLEISCHMAN, Robert D.
APPLICANT: WHITE, Owen R.
APPLICANT: WASSER, Claire M.
APPLICANT: VENTER, John C.
TITLE OF INVENTION: DNA SEQUENCES FOR STRAIN
TITLE OF INVENTION: UNBERCULOSIS
FILE REFERENCE: 24366-20007.00
CURRENT APPLICATION NUMBER: US/99/103,840A
CURRENT APPLICATION NUMBER: US/99/103,840A
CURRENT FILING DATE: 1998-06-24
NUMBER OF SEQ ID NOS: 2
SOFTWARE: Patentin Ver. 2.1
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; OTHER INFORMATION: n = A,T,C
US-09-949-016-15270
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; OTHER INFORMATION: H37Rv
US-09-103-840A-1
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LENGTH: 4403765
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                                                                                         SEQ ID NO 1
                                                                                                                          APPLICANT: VENTER, John C.
TITLE OF INVENTION: DNA SEQUENCES FOR STRA:
TITLE OF INVENTION: TUBERCULOSIS
FILE REFERENCE: 24366-20007.00
CURRENT APPLICATION NUMBER: US/09/103,840A
CURRENT FILING DATE: 1980-06-24
NUMBER OF SEQ ID NOS: 2
                                                                                                                                                                                                                                           APPLICANT: FLEISCHMAN, Robert D.
APPLICANT: WHITE, Owen R.
APPLICANT: FRASER, Claire M.
APPLICANT: VENTER, John C.
                                                                                                           SOFTWARE: PatentIn Ver. 2.1
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NAME/KEY: misc_feature
10...(192302)
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OTHER INFORMATION: "n" bases at various positions throughout the sequence
OTHER INFORMATION: represent a, t, c or g
                                 LENGTH: 4411529
TYPE: DNA
ORGANISM: Mycobacterium tuberculosis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Mycobacterium tuberculosis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
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Local Similarity 89.5%;
nes 17; Conservative
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17; Conserv
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nilarity 89.5%;
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Pred. No. 5e
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Pred. No. 3
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                                                                                                                                                                                                                          FOR STRAIN ANALYSIS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Mismatches
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5e+02;
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; LENGTH: 601
; TYPE: DNA
; ORGANISM: Human
US-09-949-016-154754
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; ORGANISM: Human
US-09-949-016-36726
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                                                                                                                                                                                                                                  APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS; IN KNOWN GENES AS:
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF
FILE REFERENCE: CLOO1307
CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILLING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR PILING DATE: 2000-10-03
PRIOR FILLING DATE: 2000-10-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-949-016-154754/c
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                                                                                                                                              SOFTWARE: FastSI
SEQ ID NO 154754
                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION: APPLICANT: VENTER, J.
                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 154754, Application US/09949016 Patent No. 6812339
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Best Local :
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local
                                    Query Match
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APPLICANT: VENTER, J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 36726,
Best Local Similarity Matches 16; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CL001307
                                                                                                                                                               NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: 60/231,498 PRIOR FILING DATE: 2000-09-08
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CURRENT FILING DATE: 2000-04-14
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 Conservative
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                  81.1%;
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94.1%;
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                 Score 15.4; DB 3; Length 601; Pred. No. 3.6e+02;
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Pred. No. 3.5e+02;
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Pred. No. 3
Mismatches
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OF DETECTION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 601;
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APPLICANT: Goldman, Barry S.

APPLICANT: Hinkle, Gregory J.

APPLICANT: Hinkle, Steven C.

APPLICANT: Wiegand, Roger C.

APPLICANT: Wiegand, Roger C.

ITITLE OF INVENTION: Myxococcus xanthus Genome Sec.

FILE REFERENCE: 38-10(1,5849)B

CURRENT APPLICATION NUMBER: US/109/902,540

CURRENT FILING DATE: 2001-07-10

PRIOR APPLICATION NUMBER: 60/217,883

PRIOR FILING DATE: 2000-07-10
                                                                                                                                                                                                     RESULT 43
US-09-252-991A-16144/c
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Sequence 16144, Application US/09252991A
Patent No. 6551795
GENERAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AN
TITLE OF INVENTION: AERUGINOSA FOR DIAC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQ ID NO 5784
LENGTH: 1020
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SEQ ID NO 188
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Best Local
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Best Local Similarity
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CURRENT APPLICATION UMBER: US/09/489,039A
CURRENT FILING DATE: 2000-01-27
PRIOR APPLICATION NUMBER: US 60/117,747
PRIOR FILING DATE: 1999-01-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS: 16825
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TYPE: DNA
ORGANISM: Klebsiella pneumoniae
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       Rubenfield et al.

NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING
AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  81.18;
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Pred. No. 3.8e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 15.4; DB 3;
Pred. No. 3.9e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Mismatches
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REFERENCE:

107196.136

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SEQ ID NO 16144
LENGTH: 2721
                                                                                                          GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS
FILE REFERENCE: CL001307
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: 60/217,883
PRIOR FILING DATE: 2000-07-10
NUMBER OF SEQ ID NOS: 16825
SEQ ID NO 1273
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Patent No. 6812339
                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local
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APPLICANT: Hinkle, Gregory J.
APPLICANT: Slater, Steven C.
APPLICANT: Wiegand, Roger C.
TITLE OF INVENTION: Myxococcus xanthus Genome Sequences and Uses Thereof FILE REFERENCE: 38-10(15849)B
CURRENT APPLICATION NUMBER: US/09/902,540
CURRENT FILING DATE: 2001-07-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
            CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILLING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-20
PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 72704
TYPE: DNA
ORGANIAM: Myxococcus xanthus
FEATURE:
NAME/KEY: unsure
LOCATION: (1)...(72704)
OTHER INFORMATION: unsure at all n locations
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Pred. No. 4.4e+02;
0; Mismatches 1;
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Pred. No. 6.9e+02;
0; Mismatches 1;
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OF DETECTION AND USES THEREOF
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FILE REFERENCE: 2709.2004001

CURRENT APPLICATION NUMBER: US/09/489,039A

CURRENT FILING DATE: 2000-01-27

PRIOR APPLICATION NUMBER: US 60/117,747

PRIOR FILING DATE: 1999-01-29

NUMBER OF SEQ ID NOS: 14342

SEQ ID NO 4912

LENGTH: 246

TYPE: DNA

ORGANISM: Klebsiella pneumoniae

US-09-489-039A-4912
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TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASS
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF
FILE REFERENCE: CL001307
CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT APPLICATION NUMBER: 60/241,755
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR PRILING DATE: 2000-09-08
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FastSEQ for Windows Version 4.0
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; ORGANISM: Human
US-09-949-016-16070
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US-09-949-016-16070
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US-09-949-016-12706
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SEQ ID NO 12706
LENGTH: 275110
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LENGTH: 275110
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Best Local (
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PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
                                                                                                                                                                                                                  APPLICANT: Gary Breton et. al
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
TITLE OF INVENTION: PNEUMONIAE FOR DIAGNOSTICS AND THERAPEUTICS
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94.1%;
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Pred. No. 86
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OF DETECTION AND USES THEREOF
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APPLICANT: Dumas Wilne Edwards, J.B.
APPLICANT: Dumas Wilne Edwards, J.B.
APPLICANT: Duclert, A.
APPLICANT: Giordano, J.Y.
TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
Patent No. 6783961
FILE REFERENCE: 59.US2.REG
CURRENT APPLICATION NUMBER: US/09/513,999C
CURRENT FILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: US 60/122,487
PRIOR APPLICATION STEEL US/09/512,487
PRIOR APPLICANTS : 1999-02-26
NUMBER OF SEO ID NOS: 36681
SOFTWARE: Patent.pm
SEO ID NO 23269
US-09-513-999C-23269
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US-09-489-039A-1711/c
; Sequence 1711, Application US/09489039A
Parent No. 6610836
                                                                                                                                                                                                                                           APPLICANT: Gary Breton et. al
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
TITLE OF INVENTION: PNEUMONIAE FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 2709.2004001
CURRENT APPLICATION NUMBER: US/9/489,039A
CURRENT FILING DATE: 2000-01-27
PRIOR APPLICATION NUMBER: US 60/117,747
PRIOR APPLICATION NUMBER: US 60/117,747
PRIOR FILING DATE: 1999-01-29
NUMBER OF SEQ ID NO 1711
SEQ ID NO 1711
TYPE: DNA
ORGANISM: Klebsiella pneumoniae
US-09-489-039A-1711
RESULT 50
US-09-252-991A-10
; Sequence 10, Application US/09252991A
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US-09-513-999C-23269/c
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Best Local S
Matches 16
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Local Similarity 88.9%;
es 16; Conservativo
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o. 6783961
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88.9%;
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Pred. No. 6.6e+02;
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Pred. No. 6.4e+02;
0; Mismatches 2;
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                                                                                                                                                                           Mismatches
                                                                                                                                                                                                      Length 381;
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PRIOR APPLICATION NUMBER: US 60/094,190
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NUMBER OF SEQ ID NOS: 33142
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GENERAL INFORMATION:
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CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
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TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.136
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TYPE: DNA
ORGANISM: Pseudomonas aeruginosa
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GENERAL INFORMATION:

APPLICANT: Magdelena, J

APPLICANT: Supply, P

APPLICANT: Supply, P

APPLICANT: Locht, C

TITLE OF INVENTION: M. TUBERCULOSIS COMPLEX MEMBERS MYCOBACTERIA SPECIFIC

TITLE OF INVENTION: MUCLEIC ACID FRAGMENTS AND THEIR APPLICATIONS FOR THE

TITLE OF INVENTION: DETECTION AND DIFFERENTIAL DIAGNOSIS OF M. TUBERCULOSIS

TITLE OF INVENTION: COMPLEX MEMBERS

FILE REFERENCE: 408.014

CURRENT FILING DATE: 2002-02-28

PRIOR APPLICATION NUMBER: US/10/086,206

CURRENT FILING DATE: 1997-08-12

PRIOR APPLICATION NUMBER: FR 96/10277

PRIOR RILING DATE: 1996-08-19

PRIOR PILING DATE: 1996-08-19

NUMBER OF SEQ ID NOS: 11

SOFTWARE: PATCHIN Ver. 2.1

SEQ ID NO 5
RESULT 2
US-10-282-122A-28205/c
; Sequence 28205, Application US/10282122A
; Publication No. US20040029129A1
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TYPE: DNA
; ORGANISM: Mycobacterium tuberculosis
US-10-086-206-5
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US-10-086-206-5
Sequence 5, Application US/10086206
Publication No. US20030124546A1
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Best Local S
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                                                                                                                                                                                          h 100.0%; Score 19; DB Similarity 100.0%; Pred. No. 27; Similarity 100.0%; Mismatches
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10 US-11-097-143-26392
10 US-11-097-143-2634
10 US-10-217-216-364
10 US-10-211-028-12
10 US-11-097-143-4822
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10 US-11-097-143-9916
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US-11-097-143-7543
US-09-736-131-3
US-09-764-891-7354
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Sequence 1611, Ap
Sequence 14779, Ap
Sequence 14806, A
Sequence 21421, A
Sequence 21421, A
Sequence 26392, A
Sequence 364, App
Sequence 364, App
Sequence 12, Appl
Sequence 4822, App
Sequence 4822, Appl
Sequence 9910, Ap
Sequence 9910, Ap
Sequence 9910, Ap
Sequence 2767, Ap
Sequence 2767, Ap
Sequence 277, App
Sequence 277, App
Sequence 25447, A
Sequence 25447, A
Sequence 25447, Ap
Sequence 25447, App
Sequence 25447, App
Sequence 2545, App
Sequence 2545, App
Sequence 2575, App
Sequence 535, App
Sequence 535, App
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Sequence 7354
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APPLICAVII: XU, H.
APPLICAVII: XU, H.
TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
FILE REPERENCE: ELITRA.034A
CURRENT FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: 60/191,078
PRIOR APPLICATION NUMBER: 60/296,848
PRIOR FILING DATE: 2000-05-23
PRIOR APPLICATION NUMBER: 60/207,727
PRIOR APPLICATION NUMBER: 60/203,335
PRIOR APPLICATION NUMBER: 60/230,335
PRIOR APPLICATION NUMBER: 60/230,347
PRIOR FILING DATE: 2000-09-09
PRIOR FILING DATE: 2000-09-09
PRIOR APPLICATION NUMBER: 60/242,578
PRIOR APPLICATION NUMBER: 60/243,578
PRIOR APPLICATION NUMBER: 60/253,625
PRIOR APPLICATION NUMBER: 60/257,931
PRIOR APPLICATION NUMBER: 60/257,931
PRIOR APPLICATION NUMBER: 60/257,931
PRIOR APPLICATION NUMBER: 60/267,636
PRIOR APPLICATION NUMBER: 60/269,308
PRIOR FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: 60/267,636
PRIOR APPLICATION NUMBER: 60/269,308
PRIOR FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: 60/267,636
PRIOR APPLICATION NUMBER: 60/269,308
PRIOR FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: 60/269,308
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APPLICANT: Wang, Liangsu
APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
APPLICANT: Ohlsen, Kari
APPLICANT: Zyskind, Judith
APPLICANT: Wall, Daniel
                                                                                                                                                                                                                                             RESULT 3
US-10-282-122A-26406/c
; Sequence 26406, Application US/10282122A
; Publication No. US20040029129A1
; GENERAL IMPORMATION:
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; ORGANISM: Mycobacterium tuberculosis
US-10-282-122A-28205
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LENGTH: 684
                                                                                                                                                                                                                                                                                                                                                                                                                                                                Matches
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APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Remaining Prior Application data removed - See File Wrapper or PALM NUMBER OF SEQ ID NOS: 78614
SOFTWARE: PatentIn version 3.1
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   TITLE
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 OF INVENTION: Identification of Essential Genes in Microorganisms
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                                   Carr, Grant
Yamamoto, Robert
Forsyth, R.
                                                                                                              Zyskind, Judith Wall, Daniel
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Carr, Grant
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94.7%;
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Pred. No. 1.5e+02;
0; Mismatches 1;
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PRIOR FILING DATE: 2000-03-

CURRENT APPLICATION NUMBER: US/10/282,122A CURRENT FILING DATE: 2003-02-20

APPLICATION NUMBER: 60/191,078

FILE REFERENCE: ELITRA.034A

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                                                                                                                                               ; ORGANISM: Mycobacterium tuberculosis US-10-080-170-648
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PRIOR FILING DATE: 2000-11-27
PRIOR PELICATION NUMBER: 60/257,931
PRIOR FILING DATE: 2000-12-22
PRIOR APPLICATION NUMBER: 60/267,636
PRIOR FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: 60/269,308
PRIOR FILING DATE: 2001-02-16
                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: COLE, S.T.
APPLICANT: COLE, S.T.
TITLE OF INVENTION: COMPARATIVE MYCOBACTERIAL GENOMICS AS A TOOL FOR
TITLE OF INVENTION: IDENTIFYING TARGETS FOR THE DIAGNOSIS, PROPHYLAY
TITLE OF INVENTION: TREATMENT OF MYCOBACTERIOSES
FILE REFERENCE: 03495.0218
                                                                                                                                                                                                                        SOFTWARE: PatentIn Ver. 2.1 SEQ ID NO 648
                                                                        Matches
                                                                                        Query Match
Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 648,
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NUMBER OF SEQ ID NOS: 652
                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: 60/270,123 PRIOR FILING DATE: 2001-02-22
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PRIOR FILING DATE: 2000-05-23
PRIOR APPLICATION NUMBER: 60/207,727
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: 60/230,335
PRIOR FILING DATE: 2000-09-06
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TYPE: DNA
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67471
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GCGCAGCAGAAACGCCAGC 67453
                                   GCGCAGCAGAAACGTCAGC 19
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                                                                        Conservative
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Pred. No. 1.
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Pred. No. 1.4e+02;
0; Mismatches 1
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RESULT 5

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Sequence 4295, Application US/11097143
Publication No. US20050208558A1
GENERAL INFORMATION:
APPLICANT: Venter, J. Craig
APPLICANT: et al.
TITLE OF INVENTION: DETECTION KIT, SUCH AS
TITLE OF INVENTION: DROSOPHILA GENES.
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SOFTWARE: Patentin Ver
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TITLE OF INVENTION: COMPARATIVE MYCOBACTERIAL GENOMICS AS A TOOL FOR TITLE OF INVENTION: IDENTIFYING TARGETS FOR THE DIAGNOSIS, PROPHYLAY TITLE OF INVENTION: TREATMENT OF MYCOBACTERIOSES

FILE REFERENCE: 03495.0218

FILE REFERENCE: 03495.0218

CURRENT APPLICATION NUMBER: US/10/080,170

CURRENT FILING DATE: 2002-06-10

PRIOR APPLICATION NUMBER: 60/270,123

PRIOR FILING DATE: 2001-02-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: 10/080,170
PRIOR FILING DATE: 2002-02-22
PRIOR APPLICATION NUMBER: 60/270,123
PRIOR FILING DATE: 2001-02-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILE REFERENCE: 05394.0019
CURRENT APPLICATION NUMBER: US/10/468,356
CURRENT FILING DATE: 2003-08-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQ ID NOS: 655
SOFTWARE: PatentIn Ver. 3
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                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 86114
TYPE: DNA
ORGANISM: Mycobacterium tuberculosis
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94.7%;
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Pred. No. 1.4e+02;
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Pred. No. 1.
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                     NUCLEIC ACID
EXPRESSION OF
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CURRENT APPLICATION NUMBER: US/11/097,143
CURRENT FILING DATE: 2005-04-04

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; TYPE: DNA
; ORGANISM: DROSOPHILA
US-11-097-143-4295
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PRIOR FILING DATE: 2000-03-23
NUMBER OF SEQ ID NOS: 43008
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 4295
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NUMBER OF SEQ ID NOS: 43008
SOFTWARE: FRANSEQ for Windows Version 4.0
SEQ ID NO 4294
LENGTH: 5239
                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/11/097,143
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: 60/157,832
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: 60/160,191
PRIOR FILING DATE: 1999-10-19
PRIOR FILING DATE: 1999-10-19
PRIOR FILING DATE: 1999-10-19
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PRIOR APPLICATION NUMBER: 60/161,932
PRIOR FILING DATE: 1999-10-28
PRIOR APPLICATION NUMBER: 60/164,769
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PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: 60/160,191
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: DETECTION KIT, SUCH AS TITLE OF INVENTION: ARRAYS, FOR DETECTING
                                                                                                                                                                                                         PRIOR FILING DATE: 1999-11-12
PRIOR APPLICATION NUMBER: 60/173,383
PRIOR FILING DATE: 1999-12-28
PRIOR APPLICATION NUMBER: 60/175,693
                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: 60/161,932
PRIOR FILING DATE: 1999-10-28
PRIOR APPLICATION NUMBER: 60/164,769
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: DROSOPHILA GENES
                                                                                            PRIOR APPLICATION NUMBER: 60/191,637 PRIOR FILING DATE: 2000-03-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILE REFERENCE: CL000728
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FILING DATE: 1999-12-28
APPLICATION NUMBER: 60/175,693
FILING DATE: 2000-01-12
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                                                                                                                                            APPLICATION NUMBER: 60/184,831 FILING DATE: 2000-02-24
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EXPRESSION OF 10,000 OR
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                                                                 TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement FILE REFERENCE: 38-21(53221)B
CURRENT FILING NUMBER: US/10/437,963
CURRENT FILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
SEQ ID NO 77644
LENGTH: 727
TYPE: XXXX
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LENGTH: 356
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Best Local
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Best Local Similarity
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TITLE OF INVENTION: Nucleic Acid Compositions Conferring Altered Metabolic Characteri
FILE REFERENCE: DOW-08552
CURRENT APPLICATION NUMBER: US/10/487,901
CURRENT FILING DATE: 2004-22-26
NUMBER OF SEQ ID NOS: 7560
NUMBER OF SEQ ID NOS: 7560
SOFTWARE: Patentin version 3.1
                                                                                                                                                                                                                                                                                                      APPLICANT: La Rosa, Thomas J.
APPLICANT: Kovalic, David K.
APPLICANT: Zhou, Yihua
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                                                                                                                                                                                                                                    APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
ORGANISM: Artificial
FEATURE:
                  ORGANISM: Oryza sativa FEATURE:
OTHER INFORMATION: Clone ID: PAT_MRT4530_77521C.1
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17; Conserv
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Weglarz, Thaddeus
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Shukla, Vipula
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Blakeslee, Beth
Larrinua, Ignacio
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Pell, Randy
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Barbazuk, Brad
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; Pred. No. 2.3e+02;
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US-10-952-045-27
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; OTHER INFORMATION: fungal gene US-10-029-180-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-10-029-180-27
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Cali, Brian M.
APPLICANT: Holtzman, Doug
APPLICANT: Madden, Kevin T
APPLICANT: Milna, G. Todd
APPLICANT: Sherman, Amir
                                                                                                                                                                                                                                                                                                                                 Sequence 27, App
Publication No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 27 LENGTH: 2043
                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Matches
                                                                                                                                                                                                                          APPLICANT:
PRIOR APPLICATION NUMBER: US/10/029,180
PRIOR FILING DATE: 2001-12-22
PRIOR APPLICATION NUMBER: US 60/257,431
PRIOR FILING DATE: 2000-12-22
NUMBER OF SEQ ID NOS: 138
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                            APPLICANT: Cali,
APPLICANT: Holtz
APPLICANT: Madde
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Silva, Jeffry C.
APPLICANT: Trueheart, Josh
APPLICANT: Trueheart, Josh
APPLICANT: Zhang, Lixin
TITLE OF INVENTION: NO. US20020182708A1el Regulators of Fungal Gene Expression
FILE REFERENCE: MIC-004
CURRENT APPLICATION NUMBER: US/10/029,180
CURRENT FILING DATE: 2001-12-22
CURRENT FILING DATE: 2001-12-22
                                                                                                     CURRENT APPLICATION NUMBER: US/10/952,045
CURRENT FILING DATE: 2004-09-28
                                                                                                                                     APPLICANT: Trueheart, Josh
APPLICANT: Zhang, Lixin
TITLE OF INVENTION: Novel Regulators of Fungal Gene Expression
FILE REFERENCE: MIC-004
                                                                                                                                                                                                             APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: US 60/257,431 PRIOR FILING DATE: 2000-12-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Local
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Milna, G. Todd
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                                                                                                                                                                                                                                                                                                                                                                                                                                        GCAGCAGAAACGTCAG 375
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Sherman, Amir
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GCGCAGCAGAAACGTC 56
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GCGCAGCAGAAACGTC 16
                                                                                                                                                                                                  Sherman, Amir
Silva, Jeffry C.
                                                                                                                                                                                                                                                          Holtzman, Doug
Madden, Kevin T.
                                                                                                                                                                                                                                                                                                                                 Application US/10952045
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Madden, Kevin T
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Application US/10029180 to. US20020182708A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           84.2%; Score 16; DB 7; llarity 100.0%; Pred. No. 7.1e+(Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                              Brian M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 84.2%; 5cc
100.0%; Pr
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; Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Mismatches
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7e+02;
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hes 0;
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CURRENT APPLICATION NUMBER: US/11/097,143
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: 60/157,832
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: 60/160,191
PRIOR FILING DATE: 1999-10-19
PRIOR APPLICATION NUMBER: 60/161,932
PRIOR FILING DATE: 1999-10-28
PRIOR APPLICATION NUMBER: 60/164,769
PRIOR APPLICATION NUMBER: 60/164,769
PRIOR APPLICATION NUMBER: 60/173,383
                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; ORGANISM: DROSOPHILA US-11-097-143-23369
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US-11-097-143-23368/c
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                                                                                                                          Sequence 23368, Application US/11097143 Publication No. US20050208558A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 43008
SOFTWARE: FastSEQ for Windows Version
SEQ ID NO 23369
LENGTH: 2381
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 23369, Application US/11097143
Publication No. US20050208558A1
                                                                                                                                                                                                                                                                                                                                                                       Matches
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Best Local :
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Venter, J. Craig
APPLICANT: et al.
TITLE OF INVENTION: DETECTION KIT, SUCH AS NUCLEIC ACID
TITLE OF INVENTION: ARRAYS, FOR DETECTING EXPRESSION OF 10,000 OR MORE
TITLE OF INVENTION: DROSOPHILA GENES.
FILE REFERENCE: CL000728
                APPLICANT: Venter, J. Craig
APPLICANT: et al.
TITLE OF INVENTION: DETECTION KIT, SUCH AS
TITLE OF INVENTION: ARRAYS, FOR DETECTING
TITLE OF INVENTION: DROSOPHILA GENES.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: 60/191,637 PRIOR FILING DATE: 2000-03-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: 60/184,831 PRIOR FILING DATE: 2000-02-24
FILE REFERENCE: CL000728
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 2043
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: fungal gene
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: 60/175,693 FILING DATE: 2000-01-12
                                                                                                                                                                                                                                                                                    1455
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                                                                                                                                                                                                                                                                                                                                                                       16;
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100.0%; Pr
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Pred. No.
                                                                                                                                                                                                                                                                                                                                                                         Mismatches
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                                                              NUCLEIC
                                         EXPRESSION OF 10,000 OR MORE
                                                                                                                                                                                                                                                                                                                                                                                                                Length 2381;
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; Sequence 68, Application US/09884441; Patent No. US20020119158A1
                                       RESULT 16
US-09-884-441-68
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PRIOR FILING DATE: 1999-01-20
NUMBER OF SEQ ID NOS: 38054
SOFTWARE: FASESEQ for Windows Version 3.0
SEQ ID NO 28732
LENGTH: 452
TYPPE: FOR
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                                                                                                                                                                                                     Matches
                                                                                                                                                                                                                                         Query Match
                                                                                                                                                                                                                                                                              PEATURE:
NAME/KEY: misc_feature
LOCATION: (1):\(\tilde{1}\). (452)
OTHER INFORMATION: n = A,T,C or G
-09-918-995-28732
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Hyseq, Inc.
TITLE OF INVENTION: NOVEL NUCLEIC ACID SEQUENCES
TITLE OF INVENTION: FROM VARIOUS CDNA LIBRARIES
FILE REFERENCE: 20411-756
CURRENT APPLICATION NUMBER: US/09/918,995
CURRENT FILING DATE: 2001-07-30
CURRENT FILING DATE: 2001-07-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR FILING DATE: 2000-01-12
PRIOR APPLICATION NUMBER: 60/184,831
PRIOR FILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: 60/191,637
PRIOR FILING DATE: 2000-03-23
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PRIOR FILING DATE: 1999-11-12
PRIOR APPLICATION NUMBER: 60/173,383
PRIOR FILING DATE: 1999-12-8
PRIOR APPLICATION NUMBER: 60/175,693
PRIOR APPLICATION NUMBER: 60/175,693
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CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: 60/157,832
PRIOR FILING DATE: 1999-10-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: FastSEQ for Windows Version
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                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ENGTH:
                                                                                                                                                                                                                      Local
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                                                                                                                      104 GCACAGCAGAAACGCCAGC
                                                                                                                                                                                               83.2%;
1 Similarity 89.5%;
17; Conservation
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100.0%; Pred. No.
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                                                                                                                                                                                                   0;
                                                                                                                                                                                               Score 15.8; DB 3; Length 452; Pred. No. 9e+02; O; Mismatches 2; Indels
                                                                                                                        86
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RESULT 18
US-09-827-271-68
; Sequence 68, Application US/09827271
; Publication to. US20030165504A1
; GENERAL INFORMATION:
; APPLICANT: Retter, Marc W.
; APPLICANT: Retter, Gary R.
; APPLICANT: Fanger, Gary R.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND ; TITLE OF INVENTION: DIAGNOSIS OF OVARIAN CANCER
; TITLE OF INVENTION: DIAGNOSIS OF OVARIAN CANCER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:

APPLICANT: Algate, Paul A.

APPLICANT: Carter, Darrick

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND

TITLE OF INVENTION: DIAGNOSIS OF OVARIAN CANCER

FILE REFERENCE: 210121.462C7

CURRENT APPLICATION NUMBER: US/09/884,441

CURRENT FILING DATE: 2001-06-18

NUMBER OF SEQ ID NOS: 489

SOFTWARE: FRASTSEQ for Windows Version 3.0

SEQ ID NO 68

LENGTH: 511

TYPE: DNA

ORGANISM: Homo sapien
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US-09-907-969-68
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CURRENT APPLICATION NUMBER: US/09/907,969
CURRENT FILING DATE: 2001-07-17
NUMBER OF SEQ ID NOS: 596
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 68
LENCTH: 511
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Best Local Similarity
Matches 17; Conserv
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Publication No. US20030091580A1
GENERAL INFORMATION:
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Best Local
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APPLICANT:
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ORGANISM: Homo sapiens
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17; Conserv
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Fanger, Gary Richard
Reed, Steven G.
Vedvick, Thomas S.
Carter, Darrick
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89.5%;
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89.5%;
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Pred. No. 9e
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; SEQ ID NO 68
; LENCTH: 511
; TYPE: DNA
; ORGANISM: Homo sapien
US-09-827-271-68
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                                 ; LENGTH: 511
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-860-790-68
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US-10-198-053-68
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 68
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Best Local Similarity 89.5%;
Matches 17; Conservative
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Query Match
                                                                                                       SOFTWARE: F
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                                                                                                                                                      TITLE OF INVENTION: COMPOSITIONS AND METHODS ITITLE OF INVENTION: AND DIAGNOSIS OF OVARIAN FILE REFERENCE: 210121.462C11
CURRENT APPLICATION NUMBER: US/10/860,790
CURRENT FILING DATE: 2004-06-02
                                                                                                                                                                                                                                           APPLICANT: Bangur, Chaitanya S.
APPLICANT: Retter, Marc W.
APPLICANT: Fanger, Gary R.
APPLICANT: Hill, Paul
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CURRENT APPLICATION NUMBER: US/10/198,053
CURRENT FILING DATE: 2002-07-17
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APPLICANT: Retter, Marc W.
APPLICANT: Fanger, Gary R.
APPLICANT: Hill, Paul
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CURRENT FILING DATE: 2001-04-04
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SOFTWARE: FastSEQ for Windows Version 3.0
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 83.2%;
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Pred. No. 9
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Pred. No. 9e+02;
 Score 15.8;
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US-09-878-281-157; Sequence 157, Application US/09878281; Publication No. US20030032005A1
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Best Local Similarity
Matches 17; Conserv
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Publication No.
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
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                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                    TITLE OF INVENTION:
TITLE OF INVENTION:
NUMBER OF SEQUENCES:
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
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             PRIOR APPLICATION DATA:
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                         APPLICATION NUMBER: FILING DATE:
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LOCATION:
APPLICATION NUMBER:
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o. US20030008274A1
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                                                                                                                                    New sequences of hepatitis C virus genotypes for diagnosis, prophylaxis and therapy. 270
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08/362,455
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RESULT 23
US-09-873-224-157
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US-09-878-281-157
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                            TELEPHONE: 00 32 9 241 07 TELEFAX: 00 32 9 241 07 99 INFORMATION FOR SEQ ID NO: 157:
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HYPOTHETICAL:
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LOCATION:
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APPLICATION NUMBER: 08/362,455
FILING DATE: «Unknown»
ATTORNEY/AGENT INFORMATION:
                                                                                                      TOPOLOGY: linear MOLECULE TYPE: cDNA HYPOTHETICAL: NO
                                                                                                                                                                                                                                                          NAME: Innogenetics sa. TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS: STREET: Industriepark Zwijnaarde 7, box 4
                                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES:
                             FEATURE:
                                                                         FEATURE:
                                                                                        ANTI-SENSE: NO
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17; Conserv.
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                                          NAME/KEY:
LOCATION:
                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US/09/873,224
FILING DATE: 05-Jun-2001
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
NAME/KEY:
                                                                                                                                                  TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                        MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY: Belgium
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: Ghent
                                                                                                                                                                              LENGTH: 530 base pairs
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3..527
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             INVENTION: New sequences of hepatitis C virus genotypes for diagnosis, prophylaxis and therapy.
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3..530
mat peptide
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GTGCAGCTGAAACGTCAGC 552

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; SEQUENCE DESCRIPTION: SEQ ID NO: US-09-873-224-157
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US-10-767-701-5494
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APPLICANT: Chou, Yihua
APPLICANT: Chou, Yihua
APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof For Plant Improvement
FILE REFERENCE: 38-21(5353)B
CURRENT APPLICATION NUMBER: US/10/767,701
CURRENT APPLICATION NUMBER: US/10/767,701
CURRENT FILING DATE: 2004-01-29
NUMBER OF SEQ ID NOS: 63128
SEQ ID NO 7120
LENGTH: 688

LENGTH: 688
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Best Local Similarity
Matches 17; Conserv
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APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof For Plant Improvement
FILE REFERENCE: 38-21(53535)B
CURRENT APPLICATION NUMBER: US/10/767,701
CURRENT FILING DATE: 2004-01-29
NUMBER OF SEQ ID NOS: 63128
SEQ ID NO 5494
LENGTH: 810
TYPE: DNA
ORGANISM: Sorghum bicolor
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Publication No. US20040172684A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 5494, Application US/10767701 Publication No. US20040172684A1 GENERAL INFORMATION:
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
ORGANISM: Sorghum bicolor
FEATURE:
                                                                                                                    FEATURE: OTHER INFORMATION: Clone ID: SORBI-28MAY03-CLUS14394_1
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                                                      Similarity
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Pred. No. 9e+0
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Pred. No. 8.9e+02;
                                                    Score 15.8; DB 7; Length 810; Pred. No. 8.9e+02;
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US-10-282-122A-28652/c ; Sequence 28652, Application US/10282122A ; Publication No. US20040029129A1
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US-10-424-599-96209
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                                                                                                                                                 Sequence 96209, Application US/10424599 Publication No. US20040031072A1 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                   Matches
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APPLICANT: Zamud
APPLICANT: Malon
APPLICANT: Hasel
APPLICANT: Ohlse
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      APPLICANT: Zhou Yihua
APPLICANT: Cao Yongwei
TITLE OP INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
TITLE OP INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REPERENCE: 38-21(53223)B
                                                                        APPLICANT: La Rosa Thomas J
APPLICANT: Kovalic David K
APPLICANT: Zhou Yihua
APPLICANT: Cao Yongwei
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: 60/269,308 PRIOR FILING DATE: 2001-02-16
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PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: 60/230,335
PRIOR FILING DATE: 2000-09-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILE REFERENCE: ELITRA.034A
CURRENT APPLICATION NUMBER: US/10/282,122A
CURRENT FILING DATE: 2003-02-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: 60/206,848
PRIOR FILING DATE: 2000-05-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: 60/191,078
PRIOR FILING DATE: 2000-03-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Xu, H.
TITLE OF INVENTION: Identification of Essential Genes
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CURRENT APPLICATION NUMBER: US/10/424,599
                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA ORGANISM: Mycobacterium tuberculosis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 1023
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APPLICATION NUMBER: 60/257,931
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Forsyth, R.
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lio, Carlos
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Pred. No. 8.9e+02;
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RESULT 29
US-10-788-792-101/c
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; OTHER INFORMATION: 97% homologous to Escherichia coli HisM-like integral
; OTHER INFORMATION: membrane protein (phnM), accession number J05260, Smith-Waterman
; OTHER INFORMATION: Score=1132.
US-10-450-763-26070
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US-10-450-763-26070/c
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                                                                                                             GENERAL INFORMATION:
APPLICANT: Bayer Pharmaceuticals Corporation
APPLICANT: Eveleigh, Deepa
APPLICANT: Eveleigh, Deepa
APPLICANT: Bigwood, Douglas
APPLICANT: Bigwood, Douglas
TITLE OF INVENTION: EXPRESSION PROFILES FOR BREAST CANCER AND METHODS OF USE
                                                                                                                                                                                                                Sequence 101, Application US/10788792
Publication No. US20040191819A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQ ID NOS: 60736
SOFTWARE: Custom
SEQ ID NO 26070
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 26070, Application US/10450763 Publication No. US20050196754A1 GENERAL INFORMATION:
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NUMBER OF SEQ ID NOS:
SEQ ID NO 96209
LENGTH: 1148
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Best Local
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                                                      FILE REFERENCE: 5152
CURRENT APPLICATION NUMBER: US/10/788,792
CURRENT FILING DATE: 2004-02-27
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PRIOR APPLICATION NUMBER: PCT/US01/08631
PRIOR FILING DATE: 2001-03-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Hyseq, Inc
TITLE OF INVENTION: NOVEL NUCLEIC ACIDS AND POLYPEPTIDES
FILE REFERENCE: 790CIP3/US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: 09/540,217
PRIOR FILING DATE: 2000-03-31
PRIOR APPLICATION NUMBER: 09/649,167
PRIOR FILING DATE: 2000-08-23
                PRIOR APPLICATION NUMBER: US 60/450,655 PRIOR FILING DATE: 2003-02-28
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NUMBER OF SEQ ID NOS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
ORGANISM: Homo sapiens
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FEATURE:
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17; Conserv
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17; Conserv
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Pred. No. 8.8e+02;
0; Mismatches 2
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Pred. No. 8.8e+02
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RESULT 30
US-10-450-763-18273/c
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; ORGANISM: Homo sapiens
US-10-788-792-101
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CURRENT FILING DATE: 2003-06-11
PRIOR APPLICATION NUMBER: PCT/US01/08631
PRIOR FILING DATE: 2001-03-30
PRIOR APPLICATION NUMBER: 09/540,217
PRIOR FILING DATE: 2000-03-31
PRIOR APPLICATION NUMBER: 09/649,167
PRIOR APPLICATION NUMBER: 09/649,167
PRIOR APPLICATION NUMBER: 09/649,167
PRIOR APPLICATION NUMBER: 09/649,167
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Best Local Similarity
Matches 17; Conserv
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Best Local
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                                                                                                                                                                                                                                                                                  Sequence 2294, Application US/09974300 Patent No. US20020146721A1
                                                                                                               APPLICANT: Berka, Randy M.
APPLICANT: Clausen, Ib Groth
TITLE OF INVENTION: Methods for Monitoring Multiple Gene
TITLE OF INVENTION: Expression
FILE REFERENCE: 10085.500-US
CURRENT APPLICATION NUMBER: US/09/974,300
CURRENT FILING DATE: 2001-10-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Hyseq, Inc
TITLE OF INVENTION: NOVEL NUCLEIC ACIDS AND POLYPEPTIDES
FILE REFERENCE: 790CIP3/US
FILE REFERENCE: 790CIP3/US
PRIOR APPLICATION NUMBER: 09/680,598
PRIOR FILING DATE: 2000-10-06
PRIOR APPLICATION NUMBER: 60/279,526
PRIOR FILING DATE: 2001-03-27
NUMBER OF SEQ ID NOS: 8481
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS: 60736
SOFTWARE: Custom
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME/KNY: SIMILAR
NAME/KNY: SIMILAR
LOCATION: (720)..(1898)
OTHER INFORMATION: 96% homologous to Escherichia coli K12
OTHER INFORMATION: phosphopentomutase, accession number AE000508, Smith-Waterman Score
OTHER INFORMATION: 2057.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Homo sapiens
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TYPE: DNA
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Pred. No. 8.8e
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8.8e+02;
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-264-237-541
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; ORGANISM: Bacillus licheniformis
US-09-974-300-2294
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US-09-925-300-529/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: US 60/205,515
PRIOR FILING DATE: 2000-05-19
NUMBER OF SEQ ID NOS: 2876
SOFTWARE: PALENTIN Ver. 3.1
SEQ ID NO 541
                                                                                                                        PRIOR APPLICATION NUMBER: 60/124,270
PRIOR FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 1890
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 529
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LENGTH: 1917
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TITLE OF INVENTION: Nucleic Acids, Proteins,
FILE REFERIOCE: PAJ31P1
CURRENT APPLICATION NUMBER: US/10/264,237
CURRENT FILING DATE: 2002-10-04
PRIOR APPLICATION NUMBER: PCT/US01/16450
PRIOR FILING DATE: 2001-05-18
                                                                                                                                                                                                              CURRENT APPLICATION NUMBER: US/09/925,300
CURRENT FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: PCT/US00/05988
PRIOR FILING DATE: 2000-03-08
                                                                                                                                                                                                                                                                                   APPLICANT: Craig Rosen,
APPLICANT: Steve Ruben
TITLE OF INVENTION: Nucleic Acids, Proteins
FILE REFERENCE: PA101
NAME/KEY: misc feature
LOCATION: (568)
OTHER INFORMATION: n equals a,t,g,
                                                                     ORGANISM: Homo sapiens
                                                                                       LENGTH: 1944
TYPE: DNA
                                                      FEATURE:
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es 17; Conserv
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Pred. No. 8.8e+02;
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Pred. No. 8.8e+02;
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; LENGTH: 1948
; TYPE: DNA
; ORGANISM: Homo sapiens
; PEATURE:
; NAME/KEY: misc feature
; LOCATION: (1940)..(1941)
; OTHER INFORMATION: n equals a,t,g, or
US-10-264-049-177
                                                                                                                                                                                              APPLICANT: Hyseq, Inc
ITITLE OF INVENTION: NOVEL NUCLEIC ACIDS AND POI
FILE REFERENCE: 21272-113 (793)
CURRENT APPLICATION NUMBER: US/10/363,616
CURRENT FILING DATE: 2003-03-03
PRIOR APPLICATION NUMBER: 09/654,935
PRIOR FILING DATE: 2000-09-01
PRIOR FILING DATE: 2000-09-01
UMMBER OF SEQ ID NOS: 490
SEQ ID NO 227
LENGTH: 2058
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                                                                                                                       ; NAME/KEY: CDS
; LOCATION: (582)..(1025)
US-10-363-616-227
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US-10-264-049-177
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APPLICANT: Birse et al.
TITLE OF INVENTION: Nucleic Acids, Proteins,
                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                       Sequence 227, Application US/10363616 Publication No. US20040044181A1
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Best Local
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SEQ ID NO 177
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CURRENT APPLICATION NUMBER: US/10/264,049
CURRENT FILING DATE: 2002-10-04
PRIOR APPLICATION NUMBER: PCT/US01/18569
PRIOR FILING DATE: 2001-06-07
PRIOR APPLICATION NUMBER: US 60/209,467
PRIOR APPLICATION NUMBER: US 60/209,467
PRIOR FILING DATE: 2000-06-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS: 4360
                                                                                                                                                                   ORGANISM: Homo sapiens FEATURE:
                                                                           Local
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GCACAGCAGAAACGCCAGC 683
                     GCGCAGCAGAAACGTCAGC 19
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5. US20040005579A1
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                                                                        83.2%;
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89.5%;
                                                           0;
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                                                                          Score 15.8;
Pred. No. 8
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 15.8; DB 6;
Pred. No. 8.8e+02;
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                                                             ed. No. 8.8e+02;
Mismatches 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Mismatches
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                                                                                          DB 7;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          DB 6;
                                                                                                                                                                                                                                                                                                                                           POLYPEPTIDES
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                                                           2;
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                                                                                       Length 2058;
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Sequence 12625, Application US/10450763

Publication No. US20050196754A1

Publication No. US20050196754A1

Publication No. US20050196754A1

PUBLICANT: Hyseq, Inc

ITITLE OF INVENTION: NOVEL NUCLEIC ACIDS AND POLYPEPTIDES

FILE REFERENCE: 790C1P3/US

CURRENT APPLICATION NUMBER: US/10/450,763

CURRENT FILING DATE: 2003-06-11

PRIOR APPLICATION NUMBER: PCT/US01/08631

PRIOR APPLICATION NUMBER: PCT/US01/08631

PRIOR APPLICATION NUMBER: 09/540,217

PRIOR FILING DATE: 2000-03-31

PRIOR FILING DATE: 2000-03-30

PRIOR FILING DATE: 2000-03-31

PRIOR FILING DATE: 2000-03-31
                                                                               Query Match
Best Local Similarity
"---hes 17; Conserva
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; NAME/KEY: SIMILAR
; NAME/KEY: SIMILAR
; LOCATION: (1)..(714)
; CITHER INFORMATION: 100% homologous to Cloning vector pZC320 SopA, accession
; OTHER INFORMATION: number UZ6464, Smith-Waterman Score=1244.
US-10-450-763-12625
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                                                                                                                                                                                                                        ; LENGTH: 2732
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-788-792-113
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US-10-450-763-12625/c
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                                                                                                                                                                                                                                                                                                                                        SEQ ID NO 113
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Best Local :
                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Eveleigh, Deepa
APPLICANT: Bigwood, Douglas
TITLE OF INVENTION: EXPRESSION PROFILES FOR BREAST CANCER AND METHODS OF USE
PILE REFERENCE: 5152
CURRENT APPLICATION NUMBER: US/10/788,792
CURRENT FILING DATE: 2004-02-27
PRIOR APPLICATION NUMBER: US 60/450,655
PRIOR APPLICATION NUMBER: US 60/450,655
PRIOR FILING DATE: 2003-02-28
PRIOR FILING DATE: 2003-02-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Bayer Pharmaceuticals Corporation APPLICANT: Eveleigh, Deepa APPLICANT: Bigwood, Douglas
                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQ ID NOS: 254
SOFTWARE: PatentIn version 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
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  1657
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                                                  1 GCGCAGCAGAAACGTCAGC 19
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GCACAGCAGAAACGCCAGC 1639
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                                                                                                                Conservative
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                                                                                                                                     Score 15.8; DB 8;
Pred. No. 8.7e+02;
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Pred. No. 8.8e+02;
0; Mismatches 2;
                                                                                                          Mismatches
                                                                                                                                                            Length 2732;
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RESULT 38 US-11-097-143-12104

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; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2180
; LENGTH: 2879
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-108-260A-2180
RESULT 40
US-11-097-143-41144
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/11/097,143
CURRENT APPLICATION NUMBER: 60/157,832
PRIOR APPLICATION NUMBER: 60/160,191
PRIOR APPLICATION NUMBER: 60/160,191
PRIOR APPLICATION NUMBER: 60/161,932
PRIOR APPLICATION NUMBER: 60/164,769
PRIOR APPLICATION NUMBER: 60/164,769
PRIOR APPLICATION NUMBER: 60/173,383
PRIOR FILLING DATE: 1999-11-12
PRIOR APPLICATION NUMBER: 60/173,383
PRIOR FILLING DATE: 1999-12-28
PRIOR APPLICATION NUMBER: 60/173,693
PRIOR FILLING DATE: 1999-12-28
PRIOR APPLICATION NUMBER: 60/175,693
PRIOR FILLING DATE: 2000-01-12
PRIOR APPLICATION NUMBER: 60/184,831
PRIOR APPLICATION NUMBER: 60/184,831
PRIOR APPLICATION NUMBER: 60/191,637
PRIOR APPLICATION NUMBER: 60/191,637
PRIOR APPLICATION NUMBER: 60/191,637
PRIOR APPLICATION NUMBER: 60/191,637
PRIOR FILLING DATE: 2000-03-23
NUMBER OF SEQ ID NOS: 43008
SOFTWARE: FastSEQ for Windows Version 4.0
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US-10-108-260A-2180/c
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; TYPE: DNA
; ORGANISM: DROSOPHILA
US-11-097-143-12104
                                                                                                                                                                        Query Match
Best Local S
Matches 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 2180, Application US/10108260A Publication No. US20040005560A1 GENERAL INFORMATION:
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 12104, Application US/11097143
Publication No. US20050208558A1
                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: HELIX RESEARCH INSTITUTE
TITLE OF INVENTION: No. US20040005560Alel full length cDNA
FILE REFERENCE: H1-A0106
CURRENT APPLICATION NUMBER: US/10/108,260A
CURRENT FILING DATE: 2002-03-27
RUMBER OF SEQ ID NOS: 5458
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Venter, J. Craig
APPLICANT: et al.
TITLE OF INVENTION: DETECTION KIT, SUCH AS NUCLEIC ACID
TITLE OF INVENTION: ARRAYS, FOR DETECTING EXPRESSION OF 10,000 OR MORE
TITLE OF INVENTION: DROSOPHILA GENES.
TITLE OF INVENTION: DROSOPHILA GENES.
TILE REPERENCE: CL000728
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17; Conserv
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                                                                                                             1 GCGCAGCAGAAACGTCAGC 19
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                                                                                      GCACAGCAGAAACGCCAGC 1494
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Pred. No. 8.7e+02;
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Pred. No. 8.7e+02;
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                                                                                                                                                                                                                   DB 6;
                                                                                                                                                                                                                 Length 2879;
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APPLICANT: Tang, Y. Lu...
APPLICANT: Liu, Chenghua
APPLICANT: Liu, Chenghua
APPLICANT: Asundi, Vinod
APPLICANT: Zhang, Jie
APPLICANT: Zhang, Jie
APPLICANT: Chen, Reiyan
APPLICANT: Zhao, Qing A.
APPLICANT: Zhao, Qing A.
Tonton
APPLICANT: Wehrman, Tom
APPLICANT: Xue, Aidong J.
APPLICANT: Xue, Aidong J.
APPLICANT: Yang, Yonghong
APPLICANT: Wang, Jian-Rui
APPLICANT: Zhou, Ping
APPLICANT: Ma, Yunqing
APPLICANT: Wang, Dunrui
APPLICANT: Wang, Dunrui
APPLICANT: Tillinghast, John
APPLICANT: Tillinghast, John
APPLICANT: Drmanac, Radoje T.
TITLE OF INVENTION: NO. US20030104529A1el Nucleic Acids and
TITLE OF INVENTION: Polypeptides
FILE REFERENCE: 784C12B
CURRENT APPLICATION NUMBER: US/10/037,270
CURRENT APPLICATION NUMBER: US/552,317
PRIOR FILING DATE: 2000-04-25
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CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: 60/157,832
PRIOR PPLICATION NUMBER: 60/157,832
PRIOR PPLICATION NUMBER: 60/160,191
PRIOR APPLICATION NUMBER: 60/160,191
PRIOR APPLICATION NUMBER: 60/161,932
PRIOR PILING DATE: 1999-10-28
PRIOR PILING DATE: 1999-10-28
PRIOR PILING DATE: 1999-10-28
PRIOR PILING DATE: 1999-11-12
PRIOR APPLICATION NUMBER: 60/173,383
PRIOR APPLICATION NUMBER: 60/173,383
PRIOR FILING DATE: 1999-11-28
PRIOR PILING DATE: 1999-11-28
PRIOR APPLICATION NUMBER: 60/175,693
PRIOR APPLICATION NUMBER: 60/175,693
PRIOR APPLICATION NUMBER: 60/184,831
PRIOR APPLICATION NUMBER: 60/184,831
PRIOR APPLICATION NUMBER: 60/184,831
PRIOR APPLICATION NUMBER: 60/184,831
PRIOR PILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: 60/191,637
PRIOR FILING DATE: 2000-03-23
PRIOR FILING DATE: 2000-03-23
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: FastSEQ for Windows Version SEQ ID NO 41144
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Publication No. US20050208558A1
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Best Local
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APPLICANT: et al.
TITLE OF INVENTION: DETECTION KIT, SUCH AS NUCLEIC ACID
TITLE OF INVENTION: ARRAYS, FOR DETECTING EXPRESSION OF 10,000 OR MORE
TITLE OF INVENTION: DROSOPHILA GENES.
FILE REFERENCE: CL000728
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 4428
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es 17; Conserv
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Pred. No. 8.7e+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Indels
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APPLICANT: Drmanac, Radoje T.
TITLE OF INVENTION: No. US20030219744A1el Nucleic Acids and
TITLE OF INVENTION: Polypeptides
FILE REFERENCE: 784CIP2BCIP
CURRENT APPLICATION NUMBER: US/10/117,722
CURRENT FILING DATE: 2002-04-04
PRIOR APPLICATION NUMBER: 09/620,312
PRIOR FILING DATE: 2000-07-19
PRIOR FILING DATE: 2000-04-05
PRIOR APPLICATION NUMBER: 09/552,317
PRIOR APPLICATION NUMBER: 09/552,317
PRIOR APPLICATION NUMBER: 09/488,725
PRIOR APPLICATION NUMBER: 09/488,725
PRIOR FILING DATE: 2000-01-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; ORGANISM: Homo sapiens FEATURE: ALAME/KEY: CDS LOCATION: (186)..(3362) US-10-037-270-266
GENERAL INFORMATION:
APPLICANT: Tang, Y. Tom
APPLICANT: Liu, Chenghua
APPLICANT: Asundi, Vinod
APPLICANT: Ren, Feiyan
APPLICANT: Drmanac, Radoje T.
                                                                                                                                                              RESULT 43
US-10-122-851-266/c
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; NAME/KEY: CDS
; LOCATION: (186)..(3362)
US-10-117-722-266
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Best Local S
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Tang, Y. Tom
APPLICANT: Liu, Chenghua
APPLICANT: Asundi, Vinod
APPLICANT: Zhang, Jie
APPLICANT: Drmanac, Rado
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SEQ ID NO 266
LENGTH: 4549
TYPE: DNA
                                                                                                                        Sequence 266, Application US/10122851 Publication No. US20050239060A1
                                                                                                                                                                                                                                                                                                                      Query Match 83.2%;
Best Local Similarity 89.5%;
Matches 17; Conservative
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SOFTWARE: pt FL genes Version 1.0
SEQ ID NO 266
LENGTH: 4549
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PRIOR FILING DATE: 2000-01-21
NUMBER OF SEQ ID NOS: 1104
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
ORGANISM: Homo sapiens
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Asundi, Vinod
Zhang, Jie
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Pred. No. 8.7e+02;
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Pred. No. 8.7e+02;
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CURRENT APPLICATION NUMBER: US/10/037,270
CURRENT FILING DATE: 2002-01-04
PRIOR APPLICATION NUMBER: 09/552,317
PRIOR FILING DATE: 2000-04-25
PRIOR PILING DATE: 2000-04-25
PRIOR APPLICATION NUMBER: 09/488,725
PRIOR FILING DATE: 2000-01-21
PRIOR FILING DATE: 2000-01-21
NUMBER OF SEQ ID NOS: 1104
SOFTWARE: pt FL_genes Version 1.0
SEQ ID NO 267
LENGTH: 4942
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; ORGANISM: Homo sapiens ; FEATURE: ; NAME/KEY: CDS ; LOCATION: (186)..(3755) US-10-037-270-267
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NUMBER OF SEQ ID NOS: 1104
SOFTWARE: pt_FL_genes Version 1.0
SEQ ID NO 266
LENGTH: 4549
TYPE: DNA
TYPE: DNA
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Best Local Similarity 89.9
Matches 17; Conservative
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                                                                                                                                                                                                                                                                                                      APPLICANT: Ma, Yunqing
APPLICANT: Wang, Dunrui
APPLICANT: Wang, Zhiwei
APPLICANT: Tillinghast, John
APPLICANT: Drmanac, Radoje T.
TITLE OF INVENTION: No. US20030104529Alel Nucleic Acids and
TITLE OF INVENTION: Polypeptides
FILE REFERENCE: 784CIP2B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
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PRIOR FILING DATE: 2000-04-25
PRIOR APPLICATION NUMBER: 09/488,725
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CURRENT FILING DATE: 2002-04-12
PRIOR APPLICATION NUMBER: 09/620,312
PRIOR FILING DATE: 2000-07-19
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NAME/KEY: CDS
LOCATION: (186)..(3362)
                                                                                                  TYPE: DNA
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Asundi, Vinod
Zhang, Jie
Ren, Feiyan
Chen, Rui-hong
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Pred. No. 8.7e+02
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APPLICANT: Zhang, Jie
APPLICANT: Drmanac, Radoje T.
ITITLE OF INVENTION: No. US20030219744A1el Nucleic Acids and
ITITLE OF INVENTION: Polypeptides
FILE REFERENCE: 784CIPZBCIP
CURRENT APPLICATION NUMBER: US/10/117,722
CURRENT FILING DATE: 2000-04-04
PRIOR APPLICATION NUMBER: 09/620,312
PRIOR APPLICATION NUMBER: 09/52,317
PRIOR APPLICATION NUMBER: 09/52,317
PRIOR FILING DATE: 2000-04-25
PRIOR APPLICATION NUMBER: 09/52,317
PRIOR APPLICATION NUMBER: 09/52,317
PRIOR FILING DATE: 2000-04-25
PRIOR FILING DATE: 2000-01-21
NUMBER OF SEQ ID NOS: 1104
SEQ ID NO 267
LENGTH: 4942
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Best Local Similarity
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US-10-117-722-267/c
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US-10-122-851-267/c
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                                                                                                                                                                                  APPLICANT: Tang, Y. Tom
APPLICANT: Liu, Chenghua
APPLICANT: Asundi, Vinod
APPLICANT: Ren, Feiyan
APPLICANT: Drmanac, Radoje T.
APPLICANT: Drmanac, Radoje T.
ITILE OF INVENTION: Novel Nucleic Acids and
TITILE OF INVENTION: Polypeptides
FILE REFERENCE: 784CTP2BDV3
                                                   CURRENT APPLICATION NUMBER: US/10/122,851
CURRENT FILING DATE: 2002-04-12
PRIOR APPLICATION NUMBER: 09/620,312
PRIOR FILING DATE: 2000-07-19
PRIOR APPLICATION NUMBER: 09/552,317
PRIOR FILING DATE: 2000-04-25
PRIOR APPLICATION NUMBER: 09/488,725
PRIOR APPLICATION NUMBER: 09/488,725
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                 PRIOR FILING DATE: 2000-01-21
NUMBER OF SEQ ID NOS: 1104
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NAME/KEY: CDS
LOCATION: (186)..(3755)
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Zhang, Jie
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o. US20030219744A1
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89.5%;
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89.5%;
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Pred. No. 8.7e+02
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Pred. No. 8.
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8.7e+02;
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US-10-182-006-3/c
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US-11-097-143-12103
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CURRENT APPLICATION NUMBER: US/11/097,143
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: 60/157,832
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: 60/160,191
PRIOR APPLICATION NUMBER: 60/161,932
PRIOR APPLICATION NUMBER: 60/161,932
PRIOR APPLICATION NUMBER: 60/164,769
PRIOR APPLICATION NUMBER: 60/164,769
PRIOR APPLICATION NUMBER: 60/164,769
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Publication No. US20040048250A1
GENERAL INFORMATION:
APPLICANT: Warner-Lambert Company
TITLE OF INVENTION: GENE ENCODING ABC-1 PARALOG AND THE POLYPEPTIDE DERIVED
TITLE OF INVENTION: THEREFROM
FILE REFERENCE: National Filing
                                                                                                                                                                                                                                                                                                                                    Sequence 12103, Application US/11097143 Publication No. US20050208558A1
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Best Local Similarity
Matches 17; Conserv
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SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 3
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                                                                                                                                                                                      APPLICANT: Venter, J. Craig
APPLICANT: et al.
TITLE OF INVENTION: DETECTION KIT, SUCH AS
TITLE OF INVENTION: ARRAYS, FOR DETECTING
TITLE OF INVENTION: DROSOPHILA GENES.
FILE REFERENCE: CL000728
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: 60/177,889
PRIOR FILING DATE: 2000-01-24
PRIOR APPLICATION NUMBER: 60/215,405
PRIOR FILING DATE: 2000-06-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/10/182,006
CURRENT FILING DATE: 2002-07-23
PRIOR APPLICATION NUMBER: PCT/US01/02191
PRIOR FILING DATE: 2001-01-23
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NAME/KEY: CDS
LOCATION: (186)..(3755)
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Pred. No. 8.6e+02;
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EXPRESSION OF 10,000 OR MORE
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PRIOR FILING DATE: 1999-12-28
PRIOR APPLICATION NUMBER: 60/175,693
PRIOR FILING DATE: 2000-01-12
PRIOR APPLICATION NUMBER: 60/184,831
PRIOR FILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: 60/191,637
PRIOR APPLICATION NUMBER: 60/191,637
PRIOR FILING DATE: 2000-03-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Guo, Xiaojia
APPLICANT: Kekuda, Rames
APPLICANT: Miller, Charl
APPLICANT: Malyankar, Uj
APPLICANT: Spytek, Kimbe
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LENGTH: 6320
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                               CURRENT APPLICATION NUMBER: US/10/114,270
CURRENT FILING DATE: 2002-11-27
PRIOR APPLICATION NUMBER: 60/281,086
PRIOR FILING DATE: 2001-04-03
PRIOR APPLICATION NUMBER: 60/281,136
PRIOR PILING DATE: 2001-04-03
PRIOR PILING DATE: 2001-04-03
PRIOR PILING DATE: 2001-04-05
PRIOR FILING DATE: 2001-04-05
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                                                                                                                                                                   APPLICANT: Stone, David J.
APPLICANT: MacDougall, John R.
APPLICANT: Rothenberg, Mark E.
TITLE OF INVENTION: No. US20040030110Alel Proteins and Nucleic Acids Encoding Same
FILE REFERENCE: 21402-322C
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SOFTWARE: FastSEQ for Windows Version
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APPLICATION NUMBER: 60/281,906 FILING DATE: 2001-04-05
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Miller, Charles E.
Malyankar, Uriel M.
Spytek, Kimberly A.
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Edinger, Shlomit R.
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Shenoy, Suresh G.
Pena, Carol E.A.
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Liu, Ziaohong
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Shimkets, Richard A.
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                                                                                                                                                                                                                                                                                                   Mario W.
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                                                                                                                                                                                                                                                                                                                     David W
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Search completed: January Job time: 492.119 secs

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; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)..(6178)
US-10-114-270-175
                                                                                                                                                                                                                                       FILE REFERENCE: MNI-153
CURRENT APPLICATION NUMBER: US/09/858,194
CURRENT FILING DATE: 2001-05-14
PRIOR APPLICATION NUMBER: 60/204,211
PRIOR FILING DATE: 2000-05-12
NUMBER OF SEQ ID NOS: 3
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 3
LENGTH: 6432
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PRIOR FILING DATE: 2001-04-17
Remaining Prior Application data removed NUMBER OF SEQ ID NOS: 470
SEQ ID NO 175
LENGTH: 222
                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
APPLICANT: GLUCKSMANN, MARIA
APPLICANT: CURTIS, RORY A.J.
TITLE OF INVENTION: 38594, A NOVEL HUMAN TRANSPORTER AND USES THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 3, Application US/09858194 Patent No. US20020061590A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity
Matches 17; Conserv
                                                                                                   Query Match
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PRIOR FILING DATE: 2001-04-10
PRIOR APPLICATION NUMBER: 60/282,934
PRIOR FILING DATE: 2001-04-10
PRIOR APPLICATION NUMBER: 60/283,512
PRIOR FILING DATE: 2001-04-12
PRIOR FILING DATE: 2001-04-12
                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Homo sapiens
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TYPE: DNA
                                                                                                                                                      NAME/KEY: CDS
LOCATION: (1)..(6432)
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489
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                              1 GCGCAGCAGAAACGTCAGC 19
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                                                                                 Score 15.8; DB 3;
Pred. No. 8.6e+02;
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Pred. No. 8.6e+02;
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20739, Appl
20739, Ap
3102, Ap
3102, Ap
35115, Ap
35115, Ap
25115, Ap
25209, Ap
2209, Appli
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US-10-310-914-1098127
US-11-21-849-537692
US-10-939-294A-7609
US-10-939-294A-7615
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Publication No. US20050272054A1

GENERAL INFORMATION:
APPLICANT: CARGILL, Michele et al.
TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: CARDIOVASCULAR DISORDERS AND DRUG RES
TITLE OF INVENTION: DETECTION AND USES THEREOF
FILE REFERENCE: CL001559
                                                                                                                                                                                                                  NUMBER OF SEQ ID NOS: 85702
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 13240
LENGTH: 43436
TYPE: DNA
                                                     Sequence 3, Application US/11121086
Publication No. US20050266459A1
GENERAL INFORMATION:
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978
      APPLICANT: POULSEN, TIM S.
APPLICANT: NITELSEN, KIRSTEN V.
TITLE OF INVENTION: NUCLEIC ACID PROBES AND NUCLEIC FILE REFERENCE: 09138.6000-00000
CURRENT APPLICATION NUMBER: US/11/121,086
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CURRENT FILING DATE: 2004-11-24
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US-10-750-623-2080
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US-11-128-061-459
US-11-128-061-4751
US-10-416-384-3
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US-10-467-657-7608
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US-10-750-623-62702
US-11-128-061-192
US-11-128-061-192
US-10-750-623-35457
US-10-750-623-35457
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                                                                                                                                                           Score 15.8; DB 6; Length 43436;
Pred. No. 1.6e+02;
0; Mismatches 2; Indels 0;
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4751, Ap
3750, Ap
7607, Ap
25322, A
26181, A
28981, A
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62702, A
192, App
35457, A
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3881, Ap
32879, A
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APPLICANT: HATTIS, Cole
APPLICANT: HATTIS, LISA M.
ITITLE OF INVENTION: Breast Cancer Biomarkers
FILE REFERENCE: 04-164-US
CURRENT APPLICATION NUMBER: US/11/112,908
CURRENT FILING DATE: 2005-04-22
PRIOR APPLICATION NUMBER: US 60/564,758
PRIOR FILING DATE: 2004-04-23
PRIOR FILING DATE: 2004-06-01
PRIOR APPLICATION NUMBER: US 60/575,978
PRIOR APPLICATION NUMBER: US 60/631,702
PRIOR APPLICATION NUMBER: US 60/631,702
PRIOR APPLICATION NUMBER: US 60/631,702
PRIOR FILING DATE: 2004-12-07
PRIOR FILING DATE: 2004-12-07
NUMBER OF SEQ ID NOS: 511
SOPTWARE: PATENTIN Version 3.3
SEQ ID NO 19
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US-11-112-908-19
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publication No. US20050266459A1
GENERAL INFORMATION:
APPLICANT: POULSEN, TIM S.
APPLICANT: NIELSEN, KIRSTEN V.
APPLICANT: NIELSEN, KIRSTEN V.
TITLE OF INVENTION: NUCLEIC ACID PROBES AND NUCLEIC ACID ANALOG PROBES
FILE REFERENCE: 09138.6000-00000
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SEQ ID NO 3
LENGTH: 168516
TYPE: DNA
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Publication No. US20050260659A1
GENERAL INFORMATION:
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LENGTH: 186442
TYPE: DNA
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Best Local Similarity
Matches 16; Conserv
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CURRENT FILING DATE: 2005-05-04
PRIOR APPLICATION NUMBER: 60/567,570
PRIOR FILING DATE: 2004-05-04
NUMBER OF SEQ ID NOS: 107
SOFTWARE: PatentIn version 3.3
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Pred. No. 2.6e+02;
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Pred. No. 1.7e+02;
0; Mismatches 2
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; LENGTH: 220
TYPE: DNA
; CRGANISM: Cricetulus griseus
US-11-128-061-3102
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-995-561-20739
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US-10-995-561-20739/c
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Publication No. US20050272054A1
GENERAL INFORMATION:
APPLICANT: CARGILL, Michele et al.
TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: DETECTION AND USES THEREOF
FILE REFERENCE: CL001559
CURRENT APPLICATION UMBER: US/10/995,561
CURRENT FILING DATE: 2004-11-24
NUMBER OF SEQ ID NOS: 85702
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 20739
LENGTH: 201
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Matches
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APPLICANT: Leonard, Mark W.
APPLICANT: Leonard, Mark W.
APPLICANT: Leonard, Mark W.
APPLICANT: Miller, Christopher P.
TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES RELATED TO OLIGONUCLEOTIDE ARRAYS
TITLE OF INVENTION: TO MONITOR GENE EXPRESSION
FILE REFERENCE: 01997.027701
CURRENT APPLICATION NUMBER: US/11/128,061
CURRENT FILING DATE: 2005-05-11
PRIOR APPLICATION NUMBER: US 60/570,425
PRIOR RILING DATE: 2004-05-11
NUMBER OF SEG ID NOS: 7285
SOFTWARE: Patentin version 3.3
SEG ID NO 3102
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
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Best Local Similarity
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               Query Match 77.9%;
Best Local Similarity 88.9%;
Matches
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16; Conservative
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94.1%;
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88.2%;
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Pred. No. 2.6e
0; Mismatches
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               Score 14.8; DB 7; Length 220; Pred. No. 3.6e+02;
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Pred. No. 2.9e+02;
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 Mismatches
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US-11-136-527-4036/c ; Sequence 4036, Application US/11136527 ; Publication No. US20050287570A1
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; ORGANISM: Cricetulus griseus
US-11-128-061-6744
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                                                                                                                    ; FEATURE:
, NAME/KEY: misc feature
, LOCATION: (1096)..(1096)
, OTHER INFORMATION: n is a,
US-11-136-527-4036
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US-11-128-061-6744/c
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GENERAL INFORMATION:

APPLICANT: Wyeth
APPLICANT: Wyeth
APPLICANT: Mounts, William M
TITLE OF INVENTION: Probe Arrays For Expression Profiling of Rat Genes
FILE REFERENCE: 031896-041000 (AM101086)

FULE REFERENCE: 031896-041000 (AM101086)

CURRENT FILING DATE: 2005-05-25
PRIOR APPLICATION NUMBER: US 60/574,294
PRIOR FILING DATE: 2005-05-26
NUMBER OF SEQ ID NOS: 362830

SOFTWARE: PatentIn version 3.2

SEQ ID NO 4036

FENCEL 1420
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SOFTWARE: PatentIn version 3.3
SEQ ID NO 6744
LENGTH: 220
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Best Local
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APPLICANT: Miller, Christopher P.
TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES RELATED TO OLIGONUCLEOTIDE ARRAYS
TITLE OF INVENTION: TO MONITOR GENE EXPRESSION
FILE REFERENCE: 01997.027701
CURRENT APPLICATION NUMBER: US/11/128,061
CURRENT FILING DATE: 2005-05-11
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                                                                                                                                                                                                                          LENGTH: 1439
TYPE: DNA
                                                                                                                                                                                                        ORGANISM: Rattus norvegicus
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                                                                      Local
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                                                      16;
                                                                     Similarity
GCGCAGCAGAAACGTCAG 18
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Leonard, Mark W.
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Pred. No. 3.6e+02;
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Pred. No. 4
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                                                        Mismatches
                                                                      4e+02;
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RESULT 9
US-10-750-185-35115/c
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; TYPE: DNA
; ORGANISM: Bovine
US-10-750-623-35115
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; ORGANISM: Bovine 19866880846117
US-10-750-185-35115
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SOPTWARE: PatentIN version 3.1
SEQ ID NO 35115
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APPLICANT: MMI GENOMICS, INC.
APPLICANT: DeNISE, Sue K.
APPLICANT: KERR, Richard
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LENGTH: 1561
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Best Local Similarity
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APPLICANT:
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APPLICANT: FANTIN, Dennis
TITLE OF INVENTION: COMPOSITIONS FOR INFERRING BOVINE TRAITS
FILE REFERENCE: MMI1100-2
CURRENT APPLICATION NUMBER: US/10/750,185
CURRENT FILING DATE: 2003-12-31
PRIOR APPLICATION NUMBER: US 60/437,482
PRIOR APPLICATION NUMBER: US 60/437,482
PRIOR FILING DATE: 2002-12-31
NUMBER OF SEQ ID NOS: 64922
SOFTWARE: PatentIN version 3.1
                                                                                                                                                                                                                                                               APPLICANT: HOLM, Tom
APPLICANT: BATES, Stephen
APPLICANT: FANTIN, Dennis
TITLE OF INVENTION: METHODS AND SYSTEMS FOR INFERRING BOVINE TRAITS
FILE REFERENCE: MMI1100-1
CURRENT APPLICATION NUMBER: US/10/750,623
CURRENT FILING DATE: 2003-12-31
PRIOR APPLICATION NUMBER: US 60/437,482
PRIOR FILING DATE: 2002-12-31
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es 16; Conserv
1231 GGGCAGCAGAAGCGTCAG 1214
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ROSENFELD, David
HOLM, Tom
BATES, Stephen
                                 GCGCAGCAGAAACGTCAG
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Pred. No. 46
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                                                                      Mismatches
                                                                                     8; DB
4e+02;
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                                                                                                     Length 1561;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; ORGANISM: Treponema pallidum subsp. pallidum str. Nichols US-11-052-554A-645
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US-11-136-527-2209/c
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Sequence 2209, Application US/11136527
Publication No. US20050287570A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: Mounts, William M
TITLE OF INVENTION: Probe Arrays For Expression
FILE REFERENCE: 031896-041000 (AM101086)
CURRENT APPLICATION NUMBER: US/11/136,527
CURRENT FILING DATE: 2005-05-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 645, Application US/11052554A Publication No. US20050288866A1 GENERAL INFORMATION:
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Publication No. US20050287570A1
GENERAL INFORMATION:
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Best Local Similarity
Matches 16; Conserv
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Best Local (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Sachdeva, et al.
TITLE OF INVENTION: COMPUTATIONAL METHOD FOR IDENTIFYING ADHESIN AND ADHESIN-LIKE
TITLE OF INVENTION: PROTEINS OF THERAPEUTIC POTENTIAL
FILE REFERENCE: 30853/40359A
CURRENT APPLICATION NUMBER: US/11/052,554A
CURRENT FILING DATE: 2005-02-07
PRIOR APPLICATION NUMBER: US 60/589,227
PRIOR PILING DATE: 2004-07-20
PRIOR PILING DATE: 2004-07-20
PRIOR APPLICATION NUMBER: IN 173/DEL/2004
PRIOR FILING DATE: 2004-02-06
NUMBER OF SEQ ID NOS: 763
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APPLICANT: Mounts, William M
APPLICANT: Mounts, William M
TITLE OF INVENTION: Probe Arrays For Expression Profiling of Rat Genes
FILE REFERENCE: 031896-041000 (AM101086)
CURRENT APPLICATION NUMBER: US/11/136,527
CURRENT FILING DATE: 2005-05-25
PRIOR APPLICATION NUMBER: US 60/574,294
PRIOR FILING DATE: 2005-05-26
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
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88.9%;
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Pred. No. 4.1e+02;
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Pred. No. 4.1e+02
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RESULT 14
US-11-157-389-1
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Publication No. US20050266481A1
GENERAL INFORMATION:
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LENGTH: 2327
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                               Matches
                                               Query Match
Best Local Similarity
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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SOFTWARE: PatentIn version 3.2
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                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/
FILING DATE: 07-MAY-1997
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
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APPLICANT: Wolff, Roger K.
TITLE OF INVENTION: POLYMORPHISMS IN THE REGION OF THE HUMAN
TITLE OF INVENTION: HEMOCHROMATOSIS GENE
                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
NAME: Poissant, Brian M
REGISTRATION NUMBER: 28,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM PC compatible
OPERATING SYSTEM: Windows
SOFTWARE: Fast-SEQ for Windows Version 2.0b
CURRENT APPLICATION DATA:
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CORRESPONDENCE ADDRESS:
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CITY: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US/11/157,389 FILING DATE: 20-june-2005 CLASSIFICATION:
                                                                                                                 LENGTH: 235033 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                              REFERENCE/DOCKET NUMBER: 89
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Local Similarity 88.9%;
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                               16; Conservative
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2 CGCAGCAGAAACGTCAGC 19
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                                               77.9%;
88.9%;
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                                               Score 14.8; DB 7;
Pred. No. 4.9e+02;
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Pred. No. 4.1e+02;
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                                                             Length 235033;
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                                                                                                        Sequence 8, Application US/11121086
Publication No. US20050266459A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                           Matches
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APPLICANT: POULSEN, TIM S.

APPLICANT: NIELSEN, KIRSTEN V.

TITLE OF INVENTION: NUCLEIC ACID ANALOG PROBES FILE REFERENCE: 099138.6000-00000

CURRENT APPLICATION NUMBER: US/11/121,086

CURRENT FILING DATE: 2005-05-04
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SOFTWARE: FastSEQ for Windows Version
CURRENT APPLICATION DATA:
APPLICATION WINDOWS
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LENGTH: 237326 base pa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Poissant, Brian M
REGISTRATION NUMBER: 28,462
REFERENCE/DOCKST NUMBER: 89)
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-493-4936
TELEPHONE: 650-493-4936
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CLASSIFICATION:
PRIOR APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: Windows
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TITLE OF INVENTION:
TITLE OF INVENTION:
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STRANDEDNESS: single
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ZIP: 10036-2811
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STATE: NY
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CLASSIFICATION:
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16; Conserv
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1155 Avenue of the Americas
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Wolff, Roger K.
POLYMORPHISMS IN THE
VENTION: HEMOCHROMATOSIS GENE
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                                                                                                                                                                                                                                                                                                                         Score 14.8;
Pred. No. 4.
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; SEQ ID NO 8
; LENGTH: 246960
; TYPE: DNA
; ORGANISM: Homo sapiens
US-11-121-086-8
                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 18
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US-10-995-561-13217
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Best Local Similarity 82.4%;
Matches 14; Conservative
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                                                    SOFTWARE: Proprietary
SEQ ID NO 591191
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APPLICANT:
APPLICANT:
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TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: CARBITC POLYMORPHISMS AND DRUG RESPONSE, METHODS
TITLE OF INVENTION: DETECTION AND USES THEREOF
FILE REFERENCE: CLOO1559
CURRENT PEPLICATION NUMBER: US/10/995,561
CURRENT FILING DATE: 2004-11-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: 60/567,570 PRIOR FILING DATE: 2004-05-04 NUMBER OF SEQ ID NOS: 107
                                                                                          PRIOR APPLICATION NUMBER: 60/502,050
PRIOR FILING DATE: 2003-09-10
PRIOR APPLICATION NUMBER: 60/426,137
PRIOR FILING DATE: 2002-11-14
NUMBER OF SEQ ID NOS: 1591911
                                                                                                                                                                                    FILE REFERENCE: 13499US
CURRENT APPLICATION NUMBER: US/11/101,244
CURRENT FILING DATE: 2005-04-07
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APPLICANT: Scaringe, Stephen
TITLE OF INVENTION: Functional and Hyperfunctional sirNA
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TYPE: DNA
TYPE: RNA
ORGANISM: Homo sapiens
                                       ENGTH: 19
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Reynolds, Angela
Leake, Devin
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88.9%;
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Pred. No. 5.9e+02
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Pred. No. 4.9e+02;
0; Mismatches 2;
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2;
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APPLICANT: Wang, Tongtong
APPLICANT: Wang, Tongtong
APPLICANT: Peckham, David W.
APPLICANT: Fetter, Marc W.
APPLICANT: Fanger, Gary R.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
TITLE OF INVENTION: AND DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121.455C20
CURRENT APPLICATION NUMBER: US/10/623,155
CURRENT FILING DATE: 2003-07-17
NUMBER OF SEQ ID NOS: 560
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 20
SEQ ID NO 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Marshall, William
APPLICANT: Scaringe, Stephen
TITLE OF INVENTION: Functional and Hyperfunctional sirNA
FILE REFERENCE: 13499US
CURRENT APPLICATION NUMBER: US/11/083,784
CURRENT FILING DATE: 2005-03-18
PRIOR APPLICATION NUMBER: US/10/714,333
PRIOR FILING DATE: 2003-11-14
PRIOR FILING DATE: 2003-01-14
PRIOR APPLICATION NUMBER: 60/502,050
PRIOR APPLICATION NUMBER: 60/502,050
PRIOR APPLICATION NUMBER: 60/426,137
PRIOR FILING DATE: 2003-09-10
PRIOR FILING DATE: 2002-11-14
NUMBER OF SEO ID NOS: 1591911
SCORTMANDE: BYDOTISE 2002-11-14
NUMBER OF SEO ID NOS: 1591911
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US-11-083-784-591191
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                                                         ; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-623-155-20
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SEQ ID NO 591191
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Best Local Similarity 87.5%;
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Best Local Similarity
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Publication No. US20050261166A1
                    Query Match
Best Local Similarity
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APPLICANT: Khvorova,
APPLICANT: Reynolds,
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ORGANISM: Homo sapiens
                                                                                                                LENGTH:
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87.5%;
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75.8%;
93.8%;
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Pred. No. 4.9e+02;
"" omatches 1;
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Pred. No. 4.9e+02;
  Score 14.4;
Pred. No. 5
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    DB 6;
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                      Length 449;
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CURRENT APPLICATION NUMBER: US/10/467,657
CURRENT FILING DATE: 2003-08-11
PRIOR APPLICATION NUMBER: GB-0103424.8
PRIOR FILING DATE: 2001-02-12
NUMBER OF SEQ ID NOS: 9218
SOFTWARE: SeqWin99, version 1.04
SEQ ID NO 2199
LENGTH: 828
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TYPE: DNA
; ORGANISM: Neisseria gonorrhoeae
US-10-467-657-2197
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; ORGANISM: Neisseria gonorrhoeae
US-10-467-657-2199
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SOFTWARE: SegWin99, version 1.04
SEQ ID NO 2197
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Publication No. US20050260581A1
GENERAL INFORMATION:
                                                                                                             Matches
                                                                                                                           Query Match
Best Local Similarity
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APPLICANT: FONTANA Maria Rita
APPLICANT: FIZZA Mariagrazia
APPLICANT: MASIGNANI Vega
APPLICANT: MASIGNANI Vega
APPLICANT: MONACI Elisabetta
TITLE OF INVENTION: GONOCOCCAL PROTEINS AND
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/10/467,657
CURRENT FILING DATE: 2003-08-11
PRIOR APPLICATION NUMBER: GB-0103424.8
PRIOR FILING DATE: 2001-02-12
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APPLICANT: PIZZA Mariagrazia
APPLICANT: MASIGNANI Vega
APPLICANT: MONACI Elisabetta
TITLE OF INVENTION: GONOCOCCAL PROTEINS AND NUCLEIC ACIDS
FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                      FILE REFERENCE:
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93.8%;
                                                                                                                        75.8%; Score 14.4; DB 6; 93.8%; Pred. No. 6e+02;
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0; Mismatches
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RESULT 25
US-11-054-385-3/c
; Sequence 3, Application US/11054385
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                                                                                                                                                                                                    APPLICANT: BATES, Stephen
APPLICANT: FANTIN, Dennis
TITLE OF INVENTION: METHODS AND SYSTEMS FOR INFERRING BOVINE TRAITS
FILE REFERENCE: MMI1100-1
CURRENT FILING DATE: 2003-12-31
CURRENT FILING DATE: 2003-12-31
PRIOR APPLICATION NUMBER: US 60/437,482
PRIOR APPLICATION NUMBER: US 60/437,482
PRIOR FILING DATE: 2002-12-31
NUMBER OF SEQ ID NOS: 64922
SOPTWARE: PatentIN version 3.1
SEQ ID NO 52804
                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: MMI GENOMICS, INC.
APPLICANT: DENISE, Sue K.
APPLICANT: KERR, Richard
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PRIOR FILING DATE: 2002-12-31
NUMBER OF SEQ ID NOS: 64922
SOFTWARE: PatentIN version 3.1
SEQ ID NO 52804
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APPLICANT: MMI GENOMICS, INC.
APPLICANT: DENISE, Sue K.
APPLICANT: KERR, Richard
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                                                                   Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Best Local Similarity
Matches 15; Conserv
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                                                                                                  Query Match
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CURRENT APPLICATION NUMBER: US/10/750,185
CURRENT FILING DATE: 2003-12-31
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APPLICANT: FANTIN, Dennis
TITLE OF INVENTION: COMPOSITIONS FOR INFERRING BOVINE TRAITS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT:
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                                                                                                                                                   TYPE: DNA
ORGANISM: Bovine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 1100
TYPE: DNA
                                                                                                                                                                                          LENGTH: 1100
                                                                 Local Similarity
les 15; Conserv
1058
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                                 2 CGCAGCAGAAACGTCA 17
CGCAGCACAACGTCA 1043
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                                                                   Conservative
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93.8%;
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93.8%;
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Pred. No. 6.1e+02;
                                                                                  Score 14.4; DB 6;
Pred. No. 6.1e+02;
                                                                   Mismatches
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                                                                                                    DB 6;
                                                                                                    Length 1100;
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APPLICANT: TANAKA, YOSHIKAZU
APPLICANT: TANAKA, YOSHIKAZU
APPLICANT: KUSUMI, Takaaki
APPLICANT: KUSUMI, Takaaki
APPLICANT: SALTO, Kazuki
APPLICANT: SALTO, Kazuki
APPLICANT: ZHIZHONG, GORGE
TITLE OF INVENTION: GENES ENCODING PROTEINS HAVING TRANSGLYCOSYLATION
TITLE OF INVENTION: ACTIVITY
FILE REFERENCE: 001560-350
CURRENT APPLICATION UNMBER: US/91/47,955
PRIOR APPLICATION NUMBER: US/99/47,955
PRIOR FILING DATE: 1999-03-24
PRIOR FILING DATE: 1999-07-16
PRIOR APPLICATION NUMBER: DCT/JP98/03199
PRIOR FILING DATE: 1997-07-25
NUMBER OF SEQ ID NOS: 12
밁
                                                                                                                                                                      ; TYPE: DNA
; ORGANISM: Bovine 19866880955174
US-10-750-185-34752
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US-10-750-185-34752/c
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APPLICANT: MMI GENOMICS, INC.
APPLICANT: DENISE, Sue K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 3
LENTH: 1474
                                                                                                                                                                                                                                  SEQ ID NO 34752
LENGTH: 1611
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 34752, Application US/10750185 Publication No. US20050260603A1
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Best Local (
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                                                                                      Matches
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                                                                                                                              Query Match
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TITLE OF INVENTION: COMPOSTITIONS FOR INFERRING:
FILE REFERENCE: MM11100-2
CURRENT APPLICATION NUMBER: US/10/750,185
CURRENT FILING DATE: 2003-12-31
PRIOR APPLICATION NUMBER: US 60/437,482
PRIOR FILING DATE: 2002-12-31
NUMBER OF SEQ ID NOS: 64922
SOFTWARE: PATCHICIN version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Publication No. US20050257291A1
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APPLICANT:
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NAME/KEY: CDS
LOCATION: (29)..(1357)
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                                                                                                            Local
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                                                                                      15;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ch 75.8%; similarity 93.8%; 15; Conservative
                                            4 CAGCAGAAACGTCAGC 19
                                                                                                        h 75.8%;
Similarity 93.8%;
  CAGCAGAACCGTCAGC 944
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                                                                                      Conservative
                                                                                  Score 14.4; DB 6; Length 1611;
Pred. No. 6.3e+02;
0; Mismatches 1; Indels 0
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Pred. No. 6.2e+02;
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RESULT 29
US-10-310-914A-1098127
; Sequence 1098127, Application US/10310914A
; Publication No. US20060003322A1
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US-10-750-623-34752/c
US-10-750-623-34752, Application US/10750623
Sequence 34752, Application US/10750623
Publication No. US20050287531A1
GENERAL INFORMATION:
APPLICANT: MAIGROWNICS, INC.
APPLICANT: DENISE, Sue K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; TYPE: DNA
; ORGANISM: Bovine
US-10-750-623-34752
                                                                                                                                                                                                                                                                                              ; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-11-136-527-2735
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US-11-136-527-2735/c
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SEQ ID NO 34752
LENGTH: 1611
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APPLICANT: FANTIN, Dennis
TITLE OF INVENTION: METHODS AND SYSTEMS FOR INFERRING BOVINE TRAITS
FILE REFERENCE: MAILIOO-1
CURRENT APPLICATION NUMBER: US/10/750,623
CURRENT FILING DATE: 2003-12-31
PRIOR APPLICATION NUMBER: US 60/437,482
PRIOR FILING DATE: 2002-12-31
NUMBER OF SEQ. ID NOS: 64922
                                                                                                                                                                                                                                     Query Match
Best Local
                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Wyeth
APPLICANT: Wounts, William M
APPLICANT: Mounts, William M
TITLE OF INVENTION: Probe Arrays For Expression Profiling of Rat Genes
FILE REFERENCE: 031896-041000 (AM101086)
CURRENT APPLICATION NUMBER: US/11/136,527
CURRENT FILING DATE: 2005-05-25
PRIOR FILING DATE: 2005-05-26
PRIOR FILING DATE: 2005-05-26
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les 15; Conserv
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                                                                                                                                          2507 CAGCAGAAACGTCATC 2492
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KERR, Richard
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93.8%;
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Pred. No. 6.3e+02;
0; Mismatches 1;
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Pred. No. 6.5e+02;
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APPLICANT: Bentwich, Isaac APPLICANT: Shiler, Kvuzat

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APPLICANT: Barany, Francis
APPLICANT: Turner, Daniel
APPLICANT: Pingle, Maneesh
APPLICANT: Pingle, Maneesh
APPLICANT: Pingle, Maneesh
ITITLE OF INVENTION: Methods for identifying target nucleic acid molecules
FILE REFERENCE: 19603/4121 (CRF D-2995-02)
CURRENT APPLICATION NUMBER: US/10/939,294A
CURRENT FILING DATE: 2004-09-10
PRIOR APPLICATION NUMBER: US 60/502/731
PRIOR FILING DATE: 2003-09-12
NUMBER OF SEQ ID NOS: 38895
SOFTWARE: PatentIn version 3.3
SEQ ID NO 7598
LENGTH: 32
TYPE: DNA
Antificial
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US-11-121-849-537692
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; ORGANISM: Homo sapien
US-11-121-849-537692
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CURRENT APPLICATION NUMBER: US/10/310,914A
CURRENT FILING DATE: 2002-12-06
NUMBER OF SEQ 1D NOS: 1388402
SOFTWARE: PatentIn version 3.3
SEQ ID NO 1098127
LENGTWA. . . .
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LENGTH: 25
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Best Local Similarity 84.2%;
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APPLICANT: John Palma
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 537692, Application US/11121849 Publication No. US20050272080A1
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQ ID NOS: 673904
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: 60/567,949 PRIOR FILING DATE: 2004-05-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/11/121,849
CURRENT FILING DATE: 2005-05-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: Methods of Genetic Analysis of Formalin Fixed Paraffin Embedded TITLE OF INVENTION: Microarrays FILE REFERENCE: 3684.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: Bioinformatically detectable group of novel regulatory genes and TITLE OF INVENTION: uses thereof
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: RNA
ORGANISM: Human
ORGANISM: Artificial
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78.9%;
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Pred. No. 6.2e+02
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Pred. No. 6.2e+02;
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FILE REFERENCE: 19603/4121 (CRF D-2995-02)
CURRENT APPLICATION NUMBER: US/10/939,294A
CURRENT FILING DATE: 2004-09-10
PRIOR APPLICATION UNMBER: US 60/502/731
PRIOR FILING DATE: 2003-09-12
NUMBER OF SEQ ID NOS: 38895
SOFTWARE: Patentin version 3.3
SEQ ID NO 7604
LENGTH: 32
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US-10-939-294A-7602/c
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                                         US-10-939-294A-7604
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PRIOR FILING DATE: 2003-09-12
NUMBER OF SEQ ID NOS: 38895
SOFTWARE: PatentIn version 3.3
SEQ ID NO 7602
LENGTH: 32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:

APPLICANT: Barany, Francis

APPLICANT: Turner, Daniel

APPLICANT: Pingle, Maneesh

APPLICANT: Pingle, Maneesh

APPLICANT: Pincas, Hanna

ITILE OF INVENTION: Methods for identifying target nucleic acid molecules

FILE REFERENCE: 19603/4121 (CRF D-2995-02)

CURRENT APPLICATION NUMBER: US/10/939,294A

CURRENT FILING DATE: 2004-99-10

CURRENT FILING DATE: 2004-99-10
                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 7604, Application US/10939294A Publication No. US20050266417A1 GENERAL INFORMATION:
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Query Match
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APPLICANT: Pingle, Maneesh
APPLICANT: Pincas, Hanna
APPLICANT: Pincas, Hanna
TITLE OF INVENTION: Methods for identifying target nucleic acid molecules
                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Barany, Francis APPLICANT: Turner, Daniel
                                                                                TYPE: DNA
ORGANISM: Artificial
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
ORGANISM: Artificial
FEATURE:
                                                          OTHER INFORMATION: oligonucleotide probe
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74.78;
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Pred. No. 6.3e+02
  Score 14.2;
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Length 32;
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Matches
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APPLICANT: Pingle, Mannesh
APPLICANT: Pingle, Mannesh
APPLICANT: Pingae, Hanna
TITLE OF INVENTION: Methods for identifying target nucleic acid molecules
FILE REFERENCE: 19603/4121 (CRF D-2995-02)
CURRENT FILING DATE: 2004-09-10
PRIOR APPLICATION NUMBER: US/10/939,294A
CURRENT FILING DATE: 2004-09-10
PRIOR APPLICATION NUMBER: US 60/502/731
PRIOR FILING DATE: 2003-09-12
NUMBER OF EXG ID NOS: 38895
SOPTWARE: PatentIn version 3.3
SEQ ID NO 7609
LENGTH: 32
TYPE: NUMBER: 100 7609
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Best Local S
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                                                             Matches
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APPLICANT: Turner, Daniel
APPLICANT: Pingle, Maneesh
APPLICANT: Pingle, Maneesh
APPLICANT: Pincas, Hanna
TITLE OF INVENTION: Methods for identifying target nucleic acid molecules
FILE REFERENCE: 19603/4121 (CRF D-2995-02)
CURRENT APPLICATION NUMBER: US/10/39,294A
CURRENT FILING DATE: 2004-09-10
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APPLICANT: Turner, Daniel
APPLICANT: Pingle, Maneesh
APPLICANT: Pincas, Hanna
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PRIOR FILING DATE: 2003-09-12
NUMBER OF SEQ ID NOS: 38995
SOFTWARE: PatentIn version 3.3
                                                                                                                                                                          FEATURE:
                                                                                                                                                                                          TYPE: DNA
ORGANISM: Artificial
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                                                         ch 74.7%;
l Similarity 84.2%;
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84.2%;
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; Pred. No. 6.3e
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Pred. No. 6.3e+02;
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0; Mismatches 3;
                                                                             6.3e+02;
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US-10-939-294A-7617/c
; Sequence 7617, Application US/10939294A
; Publication No. US20050266417A1
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                                                                                                                                                                                                                                                                  APPLICANT: Barany, Francis
APPLICANT: Turner, Daniel
APPLICANT: Turner, Daniel
APPLICANT: Pingle, Maneesh
APPLICANT: Pingle, Maneesh
APPLICANT: Pincas, Hanna
TITLE OF INVENTION: Methods for identifying target nucleic acid molecules
FILE REFERENCE: 19603/4121 (CRF D-2995-02)
CURRENT APPLICATION NUMBER: US/10/939,294A
CURRENT FILING DATE: 2004-09-10
PRIOR APPLICATION NUMBER: US 60/502/731
PRIOR FILING DATE: 2003-09-12
NUMBER OF SEQ ID NOS: 38895
SOFTWARE: Patentin version 3.3
SEQ ID NO 7626
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TITLE OF INVENTION: Methods for identifying target nucleic acid molecules
FILE REPERENCE: 19603/4121 (CRF D-2995-02)
CURRENT APPLICATION NUMBER: US/10/939,294A
CURRENT FILING DATE: 2004-09-10
PRIOR APPLICATION NUMBER: US 60/502/731
PRIOR FILING DATE: 2003-09-12
PRIOR FILING DATE: 2003-09-12
NUMBER OF SEQ ID NOS: 38895
SOFTWARE: PatentIn version 3.3
SEQ ID NO 7617
LENGTH: 32
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Best Local
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Best Local Similarity
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APPLICANT: Turner, Daniel
APPLICANT: Pingle, Maneesh
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ORGANISM: Artificial
FEATURE:
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                                                                                                                                                                                                                                  TYPE: DNA
                                                                                                                                                                       OTHER INFORMATION: oligonucleotide probe
                                                                                                                                                                                                                                                      LENGTH:
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GCCCAGCCGAAACGGCAGC 13
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84.2%;
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                                                                          0; Mismatches
                                                                                            Score 14.2; DB 6;
Pred. No. 6.3e+02;
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Pred. No. 6
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RESULT 38 US-10-939-294A-7635/c

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APPLICANT: Turner, Daniel
APPLICANT: Pingle, Mannesh
APPLICANT: Pingle, Mannesh
APPLICANT: Pingle, Mannesh
ITITLE OF INVENTION: Methods for identifying tar
TITLE OF INVENTION: Methods for identifying tar
TURRENT APPLICATION NUMBER: US/10/939,294A
CURRENT FILING DATE: 2003-09-12
PRIOR FILING DATE: 2003-09-12
NUMBER OF SEQ ID NOS: 38895
SOOTWARE: PatentIn version 3.3
SEQ ID NO 7640
LENGTH: 32
TYPE: DNA
ORGANISM: Artificial
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APPLICANT: Turner, Daniel
APPLICANT: Turner, Daniel
APPLICANT: Pingle, Maneesh
APPLICANT: Pingle, Maneesh
APPLICANT: Pincas, Hanna
TITLE OF INVENTION: Methods for identifying tar
FILLE REFERENCE: 19603/4121 (CRF D-2995-02)
CURRENT APPLICATION UNMBER: US/10/939,294A
CURRENT FILING DATE: 2004-09-10
PRIOR APPLICATION NUMBER: US 60/502/731
PRIOR APPLICATION UNMBER: US 60/502/731
PRIOR APPLICATION NUMBER: US 60/502/731
PRIOR APPLICATION NOS: 38895
SOFTWARE: PatentIn version 3.3
SEQ ID NO 7635
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US-10-939-294A-7649/c
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                                        Sequence 7649, Application US/10939294A Publication No. US20050266417A1 GENERAL INFORMATION:
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Best Local (
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APPLICANT: Barany, Francis APPLICANT: Turner, Daniel
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TYPE: DNA
ORGANISM: Artificial
FEATURE:
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Similarity 84.2%;
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84.2%;
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Pred. No. 6.3e+02;
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Pred. No. 6.3e+02;
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RESULT 42
US-10-939-294A-7728/c
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APPLICANT: Pingle, Maneesh
APPLICANT: Pingle, Maneesh
TITLE OF INVENTION: Methods for identifying ta
FILE REFERENCE: 19603/4121 (CRF D-2995-02)
CURRENT APPLICATION NUMBER: US/10/939,294A
CURRENT FILING DATE: 2004-09-10
PRIOR APPLICATION NUMBER: US 60/502/731
PRIOR APPLICATION NUMBER: US 60/502/731
PRIOR FILING DATE: 2003-09-12
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                                                                                                                                         Sequence 7728, Application US/10939294A Publication No. US20050266417A1 GENERAL INFORMATION:
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SOFTWARE: PatentIn version 3.3
SEQ ID NO 7680
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SEQ ID NO 7649
LENGTH: 32
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Best Local Similarity
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APPLICANT: Barany, Francis
APPLICANT: Turner, Daniel
APPLICANT: Pingle, Maneesh
APPLICANT: Pingle, Maneesh
TITLE OF INVENTION: Methods for identifying target nucleic acid molecules
FILE REFERENCE: 19603/4121 (CRF D-2995-02)
CURRENT APPLICATION NUMBER: US/10/939,294A
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APPLICANT: Pingle, Hanna
TITLE OF INVENTION: Methods for identifying target nucleic acid molecules
FILE REFERENCE: 19603/4121 (CRF D-2995-02)
CURRENT APPLICATION NUMBER: US/10/939,294A
CURRENT FILING DATE: 2004-09-10
PRIOR APPLICATION NUMBER: US 60/502/731
PRIOR PILING DATE: 2003-09-12
NUMBER OF SEQ ID NOS: 38895
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ORGANISM: Artificial
PEATURE:
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Pred. No. 6.3e+02
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Pred. No. 6.3e+02;
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APPLICANT: Pingle, Mannesh
APPLICANT: Pingle, Mannesh
APPLICANT: Pincas, Hanna
TITLE OF INVENTION: Methods for identifying target nucleic acid molecules
FILE REFERENCE: 19603/4121 (CRF D-2995-02)
CURRENT FILING NUMBER: US/10/939,294A
CURRENT FILING DATE: 2004-09-10
PRIOR APPLICATION NUMBER: US 60/502/731
PRIOR FILING DATE: 2003-09-12
NUMBER OF SEG ID NOS: 38895
SOFTWARE: PatentIn version 3.3
SEQ ID NO 7738
LENGTH: 32
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PRIOR APPLICATION NUMBER: US 60/502/731
PRIOR FILING DATE: 2003-09-12
NUMBER OF SEQ ID NOS: 38895
SOFTWARE: PatentIn version 3.3
SEQ ID NO 7728
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Publication No. US20050266417A1
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Publication No. US20050266417A1
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        APPLICANT: Barany, Francis
APPLICANT: Turner, Daniel
APPLICANT: Pingle, Maneesh
APPLICANT: Pingle, Maneesh
APPLICANT: Pincas, Hanna
TITLE OF INVENTION: Methods for identifying target nucleic
FILE REFERENCE: 19603/4121 (CRF D-2995-02)
CURRENT APPLICATION NUMBER: US/10/939,294A
CURRENT FILING DATE: 2004-09-10
PRIOR APPLICATION NUMBER: US 60/502/731
PRIOR FILING DATE: 2003-09-12
NUMBER OF SEQ ID NOS: 38895
COURTAINER: DESCRIPTO METEORY 2003-09-12
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APPLICANT: Turner, Daniel
APPLICANT: Pingle, Maneesh
APPLICANT: Pincas, Hanna
SOFTWARE:
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ORGANISM: Artificial
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Pred. No. 6.3e
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Pred. No. 6.3e+02;
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; FEATURE:
; OTHER INFORMATION: oligonucleotide probe
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APPLICANT: Turner, Daniel
APPLICANT: Pingle, Maneesh
APPLICANT: Pingle, Maneesh
APPLICANT: Pingle, Hanna
TITLE OF INVENTION: Methods for identifying target nucleic acid molecules
FILE REFERENCE: 19603/4121 (CRF D-2995-02)
CURRENT APPLICATION NUMBER: US/10/939,294A
CURRENT FILING DATE: 2004-09-10
PRIOR APPLICATION NUMBER: US 60/502/731
PRIOR APPLICATION NUMBER: US 60/502/731
PRIOR PILING DATE: 2003-09-12
NUMBER OF SEQ ID NOS: 38895
SOFTWARE: PatentIn version 3.3
SEQ ID NO 7806
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Matches 16; Conserv
                                                                       PRIOR APPLICATION NUMBER: US 60/502/731
PRIOR FILING DATE: 2003-09-12
NUMBER OF SEQ ID NOS: 38895
SOPTWARE: PatentIn version 3.3
SEQ ID NO 8302
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APPLICANT: Turner, Daniel
APPLICANT: Pingle, Maneesh
APPLICANT: Pingle, Maneesh
APPLICANT: Pingle, Maneesh
APPLICANT: Pincas, Hanna
TITLE OF INVENTION: Methods for identifying target nucleic acid molecules
FILE REFERENCE: 19603/4121 (CRF D-2995-02)
CURRENT APPLICATION NUMBER: US/10/939,294A
CURRENT FILING DATE: 2004-09-10
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ORGANISM: Artificial
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                                       TYPE: DNA
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ORGANISM: Artificial FEATURE:
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16; Conserv
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Pred. No. 6
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Pred. No. 6.3e+02;
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US-10-939-294A-8387/c
                                                        ; FEATURE:
; OTHER INFORMATION: oligonucleotide probe US-10-939-294A-8487
                                                                                                                                                                                                                  APPLICANT: Turner, Daniel
APPLICANT: Pingle, Maneesh
APPLICANT: Pingle, Waneesh
APPLICANT: Pincas, Hanna
TITLE OF INVENTION: Methods for identifying ta
FILE REFERENCE: 19603/4121 (CRF D-2995-02)
FILE REFERENCE: 19603/4121 (CRF D-2995-02)
CURRENT APPLICATION NUMBER: US/10/939,294A
CURRENT FILING DATE: 2004-09-10
PRIOR APPLICATION NUMBER: US 60/502/731
PRIOR FILING DATE: 2003-09-12
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TITLE OF INVENTION: Methods for identifying target nucleic acid molecules
FILE REFERENCE: 19603/4121 (CRF D-2995-02)
CURRENT APPLICATION NUMBER: US/10/939,294A
CURRENT FILING DATE: 2004-09-10
PRIOR APPLICATION NUMBER: US 60/502/731
PRIOR APPLICATION NUMBER: US 60/502/731
PRIOR FILING DATE: 2003-09-12
NUMBER OF SEQ ID NOS: 38895
SOFTWARE: Patentin version 3.3
SEQ ID NO 8387
LENGTH: 32
TYPE: DNA
                                                                                                                                                NUMBER OF SEQ ID NOS:
SOFTWARE: PatentIn ver
SEQ ID NO 8487
LENGTH: 32
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APPLICANT: Barany, Francis
Turner Daniel
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                                                                                                     LENGTH: 32
TYPE: DNA
ORGANISM: Artificial
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Pingle, Maneesh
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Pred. No. 6.3e+02;
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Pred. No. 6.3e+02;
 Score 14.2; DB 6;
Pred. No. 6.3e+02;
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US-10-939-294A-8534/c
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APPLICANT: Pingle, Mannesh
APPLICANT: Pingle, Mannesh
APPLICANT: Pingle, Manne
APPLICANT: Pincas, Hanna
TITLE OF INVENTION: Methods for identifying target nucleic acid molecules
FILE REFERENCE: 19603/4121 (CRF D-2995-02)
CURRENT FILING DATE: 2004-09-10
PRIOR APPLICATION NUMBER: US/10/939,294A
CURRENT FILING DATE: 2004-09-10
PRIOR FILING DATE: 2003-09-12
NUMBER OF SEQ ID NOS: 38895
SOFTWARE: PatentIn version 3.3
SEQ ID NO 8605
LENGTH: 32
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Matches
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Publication No. US20050266417A1
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APPLICANT: Pingle, Maneesh
APPLICANT: Pingle, Maneesh
APPLICANT: Pingle, Maneesh
TITLE OF INVENTION: Methods for identifying target nucleic acid molecules
FILE REFERENCE: 19603/4121 (CRF D-2995-02)
CURRENT PELLIATION NUMBER: US/10/939,294A
CURRENT FILING DATE: 2004-09-10
PRIOR APPLICATION NUMBER: US 60/502/731
PRIOR FILING DATE: 2003-09-12
NUMBER OF SEQ ID NOS: 38895
SOFTWARE: Patentin version 3.3
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APPLICANT: Turner, Daniel
APPLICANT: pingle, Manees
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APPLICANT: Turner, Daniel
APPLICANT: Pingle, Maneesl
APPLICANT: Pincas, Hanna
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TYPE: DNA
ORGANISM: Artificial
                                                                                                                                                                           ORGANISM: Artificial FEATURE:
                                                                                                                                                          OTHER INFORMATION: oligonucleotide probe
                                                                                                                                                                                                                 TYPE: DNA
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Search completed: January 12, 2006, 01:35:02 Job time : 284.249 secs